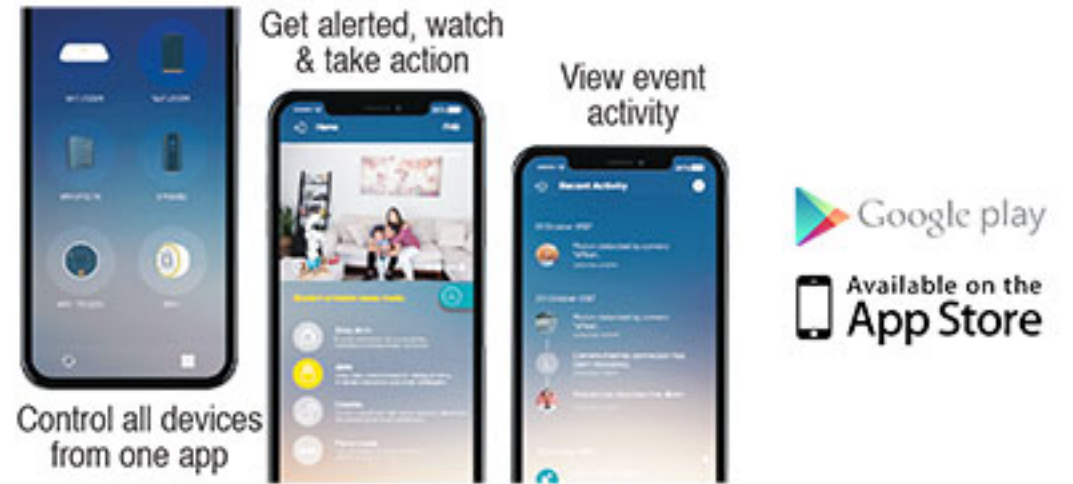


NEW SMART WiFi DIY ALARM SYSTEMS

New cutting edge Smart Wifi Technology, Cameras, CCTV, Alarms & Door Bells 128 bit Frequency-Hopping Spread Spectrum Technology enables the system to hop between wireless frequency channels to ensure the seamless transmission of secure communications between the devices and the control panel ensuring that devices are able to consistently communicate when needed. **Features Include:** 1) Protection against lost alarm messages. 2) Protection against interference between remote channels. 3) Protection against interference between devices all of which provide robustness and reliability closer than ever to hard wired systems.

What makes for a smart connected home?

- Smart Management:** You can give access for your family, that will always know what is happening when you are away, no more worries!
- Intelligent Accessory Management:** Easily view / add or delete accessories
- Real Time Temperature Monitoring:** Use app to check temperature
- Easy Keyfob Identification:** Change keyfob name according to the user. It's easy to know when the system was operated and by whom.
- All In One App:** Just one mobile app to control and monitor all the connected home devices including video surveillance, intrusion alarm and temperature.



Mobile phone not included

App: Ontips Pro



Smartcam Alarm System

Code	Description
MXK-N8-WIFI/2G	DIY Hybrid WiFi / GSM Smartcam Alarm System

Kit Includes

- 1 x Smart hub with built-in camera and motion detection (PIR)
- 1 x Door contact, with built in vibration sensor
- 1 x Remote

Features

- Accommodates up to 50 add-on devices
- Night Vision
- 16hrs Battery Backup (internal lithium battery)
- Monitors temp and humidity
- SMS Alerts
- GSM - Communication back-up if WiFi fails. Sim Card required (not supplied)

Mobile phone not included

App: Ontips Pro



Wireless Alarm System

Code	Description
MXK-X1-2G-PLUS	DIY GSM Wireless Alarm System

Kit Includes

- 1 x Smart Hub
- 2 x Remotes
- 1 x Door Contact
- 1 x PIR (Motion Sensor)

Features

- Accommodates up to 50 add-on devices
- SMS Alerts for low battery
- Stores up to 5 telephone numbers
- 16hrs Battery Backup (internal lithium battery)
- Dual-colour LED status indicator

When the alarm system is triggered the system immediately rings the nominated telephone number and sends a message. The system also sends a system status message for power failures, restoration of power and low battery. The zone names can be customized so that alarm locations are easily recognised.

Mobile phone not included

App: Ontips Pro



Portable Wi-Fi Alarm System

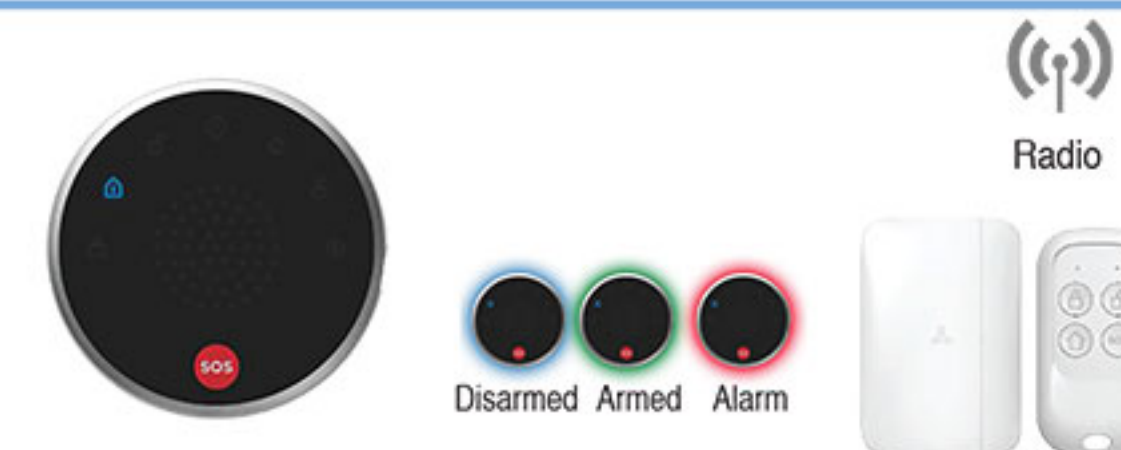
Code	Description
MXK-CONCH	DIY Two-Way Portable Wi-Fi Alarm System

Kit Includes

- 1 x Smart Hub
- 1 x Remote
- 1 x Door contact with built-in motion sensor

Features

- 100m coverage area with 2hrs battery backup
- Accommodate up to 40 devices
- Built in siren
- Tri-colour LED status indicator
- Multi-function button for network/device enroll



Portable Wireless Alarm System

Code	Description
MXK-TUTTI	DIY Two Way Portable Wireless Alarm System

Kit Includes

- 1 x Smart Hub
- 1 x Remote
- 1 x Door contact

Features

- System can accommodate up to 40 devices
- Touch screen keypad on device
- Built in siren
- 12 Hours back up battery

Sleek modern design with user friendly features. The voice prompts quickly inform which zones have been triggered. Integrated management of the alarm system with wireless touchscreen provides protection and peace of mind for home owners. The LED backlight provides instant indication of system status.

NEW

SMART WiFi DIY ALARM SYSTEMS

Mobile phone not included

App: Ontips Pro



Screenshot



App



WiFi

Indoor Wifi Camera

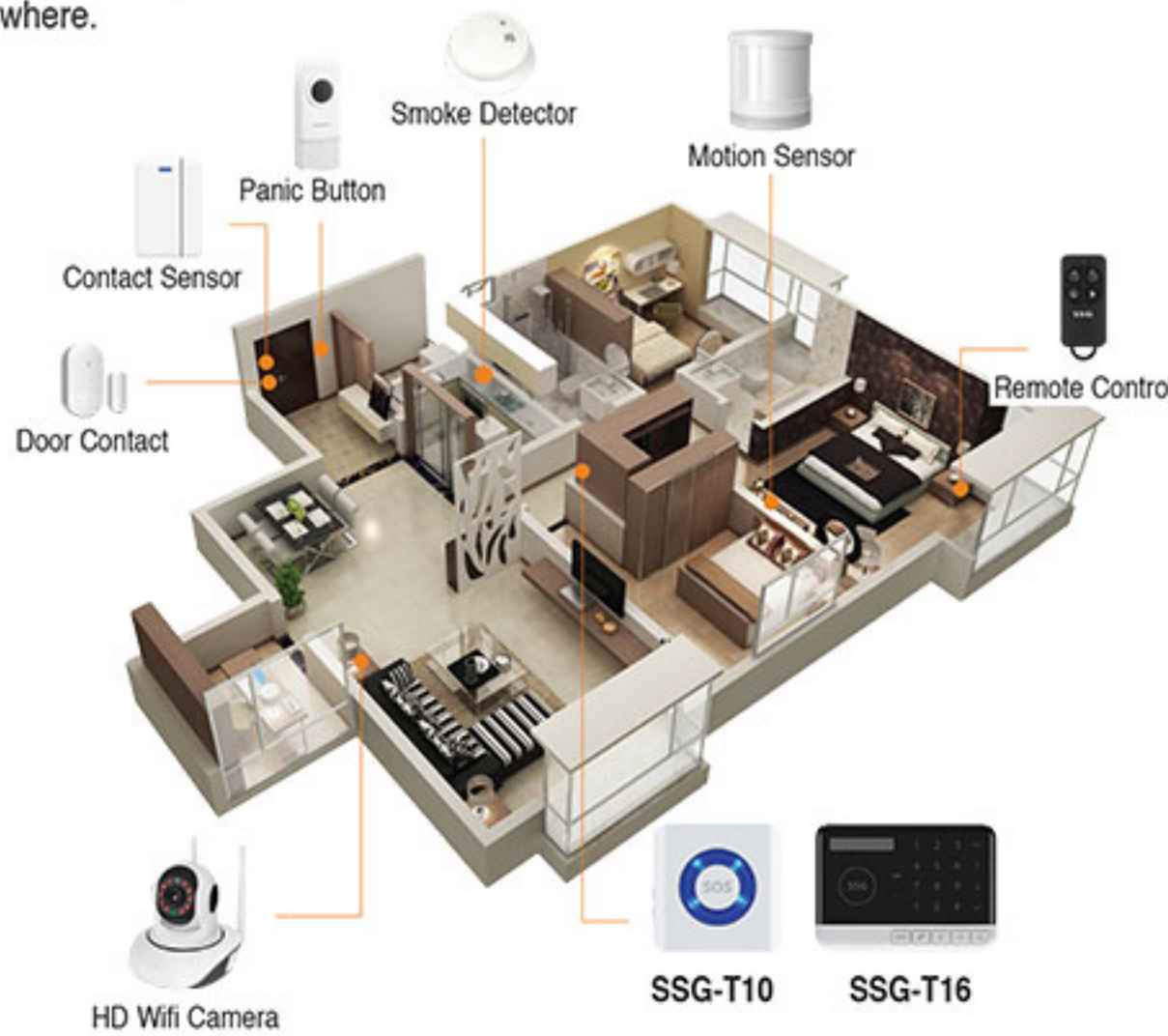
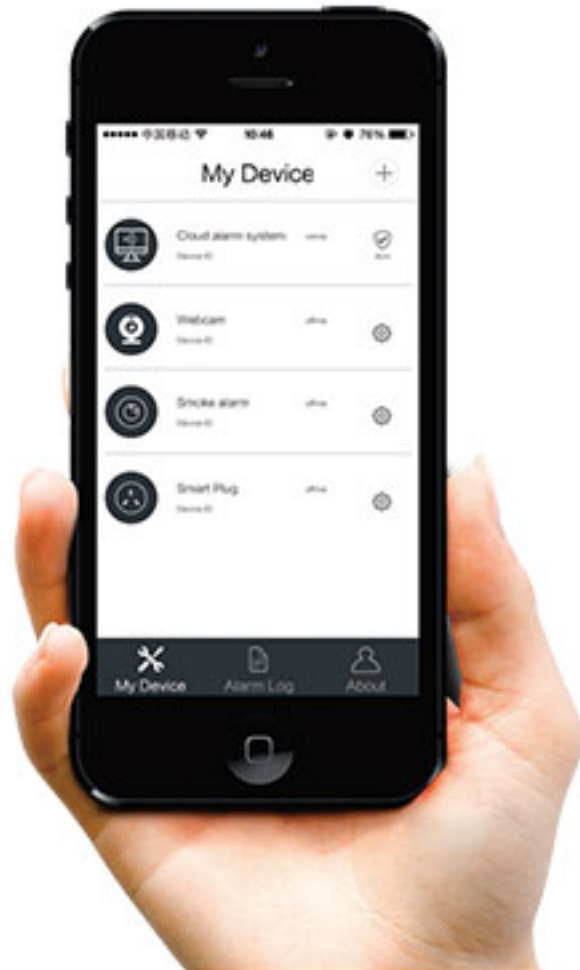
Code	Description
MXK-IP-100	720p indoor WiFi Camera with Motion Sensor
Features	
<ul style="list-style-type: none"> Resolution 1280x720p Video recording Ontips Pro APP 	<ul style="list-style-type: none"> Two way communication Day / Night Vision Real time notifications Range 7-10m x 120° 2 way speech 8-32GB MicroSD (excl)

Accessories

	Magnet Sensors				4 Button Remote	Keypad
FHSS Technology Range: Up to 80m line of sight	2-in1 Batteries Included	2-in1 Batteries Included	Battery Incl.	Battery Incl.	Batteries Included	
Code	MXK-SS-P01	MXK-SS-V01	MXK-DWS-300	MXK-DWS-302	MXK-RC-101	MXK-KP-A1
Description	Door/Window Contact & PIR Motion Sensor. Detection: 110°/8m	Door/Window Contact & Vibration Sensor	Door/Window Sensor	Roller Shutter Door Sensor	Multi-function Keyfob Remote Control	Wireless Keypad
Supply Size (mm)	3VDC (2x1.5V AAAA) 90 x 21 x 18 45 x 10 x 11	3VDC (2x1.5V AAAA) 90 x 21 x 18 45 x 10 x 11	1.5VDC (1x1.5V AA) 48 x 71 x 18	1.5VDC (1x1.5V AA) 48 x 106 x 10 - Switch 21 x 88 x 20 - Mag 37 x 71 x 20 - TX	3VDC (1x3V CR2032) 35 x 70 x 12	4.5VDC (3x1.5V AAA) 141 x 96 x 15
Spare Battery	E96BP2	E96BP2	98215	98215	CR2032/5	98111
	Water Leak Detector	PIR Motion Sensors			Smoke Detector	Gas Detector/Siren
FHSS Technology Range: Up to 80m line of sight		Indoor Batteries included	Indoor Adaptor included	Outdoor Adaptor included	Battery Included	Plug-in
Code	MXK-SS-F01	MXK-PIR-600	MXK-PIR-603	MXK-PIR-602	MXK-SD-200	MXK-SP-G01
Description	Wireless Leak Detector	PIR Motion Sensor	M/Wave & PIR Sensor, Pet Immune (≤20kg)	M/Wave & PIR Intelligent Sensor Pet Immune (≤20kg)	Smoke Detector Low battery alarm Monitors 60m²	Natural Gas Detector 90dB Sounder 10% LEL
Sensor Range	95cm Cable	8m x 110°	12m x 110°	12m x 110°		
Supply Size (mm)	3VDC (2x1.5V AAAA) 35 x 31 x 10 - Sensor 21 x 90 x 18 - TX	3VDC (2 x 1.5V AA) 90 x 52 x 37	12VDC (MXK-PA-700) 130 x 63 x 51	12VDC (MXK-PA-700) 153 x 80 x 58	9VDC (1 x 9V 6F22) Ø128 x 38	230VAC c/w batt backup Ø80 x 41.7
Spare Battery	E96BP2	98208	-	-	98215	-
	Beam Detection - IP66			Outdoor Sirens - IP56	Repeater/Siren	
FHSS Technology Range: Up to 80m line of sight	Adapter Included	Adapter Included	Solar Powered	Built-in strobe light	Plug-in	
Code	MXK-IB-400-*	MXK-IB-410	MXK-IB-420	MXK-WS-901	MXK-SP-R01	
Description	Dual-Beam Infrared Sensors	Quad-Beam Infrared Sensor	Solar Power Multi Beam Sensor	115db Siren With Battery Backup	Increases wireless range up to 300m 90dB Sounder 230VAC with battery backup	
Sensor Range	*30M (30m), 60M (60m)	20m max	10m max	-	90dB Sounder 230VAC with battery backup	
Supply	12VDC	12VDC	Solar Power LiFePo4 Battery	12VDC	230VAC with battery backup	
Size (mm)	171 x 82 x 77	700 x 35 x 43	662 x 60 x 46	288 x 250 x 56.5	Ø80 x 41.7	

NEW SSG WIFI ALARM SYSTEM KITS

Protect your home intelligently with SSG wifi Alarm Systems.
Stay connected with your home from anywhere.
Mobile phone not included



- Available pro monitoring
- Tool-free setup
- NO Contracts
- Easy to pack up
- 24/7 monitoring
- Fewer false alarms
- APP-based control and monitoring
- Custom actions and alerts

The **SSG-T60** is a triple network wireless system, when an alarm condition occurs the system can send alarm notifications to the APP on mobile phones. It can also send out SMS messages as well as automatically call the 5 preset phone numbers. Users can configure and monitor the system through the App, all the latest system history logs can be viewed on the App. Supports up to 99 wireless sensors used to serve different purposes such as burglary, fire, emergency etc.

Mobile phone not included

App: An Home



- WiFi
- Radio
- App
- GSM

Triple Network Alarm System

Code	Description
SSG-T60 KIT	DIY WIFI/GSM/PSTN Alarm System
Kit Includes	Features
1 x Keypad Hub 1 x Door Contact 1 x PIR (8m x 110°) 1 x Power Supply 2 x Remotes c/w Batteries	<ul style="list-style-type: none"> • Three way Communication - Telephone, SMS & WIFI • Can be used to phone out in a emergency • Battery operated motion sensor and door contact • Reliability ensured by triple network communications • Supports 1 hard wired zone & stores 120 alarm event logs • Supports up to 30 remote controls & stores 5 phone numbers • Tamper switch and password protected • Supports up to 99 wireless sensors • Stores 5 SMS alert phone numbers • Zones and RFID tags can be renamed • Supports up to 99 RFID tags • Stores 1 speed dial number • Remote control by SMS, phone call and app



This WiFi enabled smart hub could be used for security alarm, elderly care and door bell alert. It allows you to get updates and setting changes with smartphone anytime, anywhere. This system can link to Amazon Alexa.

Mobile phone not included

App: An Home



- WiFi
- Radio
- App

Smart WiFi Cloud Alarm System

Code	Description
SSG-T10	Smart Plug-In WiFi Alarm Kit
Kit Includes	Features
1 x Smart plug in hub 1 x Door contact 1 x Motion sensor 1 x Remote	<ul style="list-style-type: none"> • Can work with Amazon Alexa for voice control • WiFi enabled cloud security system • App based control and monitoring • Know the sensor that triggered in seconds • Plug & Play quick easy setup • Change settings and get live updates in app • View entire system or single sensor anytime • Mobile, easy to remove and take with you • Built in strobe and 100dB siren • Custom alert for each sensor / detector • Alarm history can be stored permanently



SECURITY

NEW

SSG WIRELESS ALARM ACCESSORIES

SSG Wifi Alarm Kits Accessories

<p>Wireless Range: up to 90m line of sight</p>	Battery Included	Battery Included	Battery Included	Battery Included	Battery Included	Battery Included		
	Code	SSG-PIR-A4	SSG-WPIR-A1	SSG-WPIR-A3	SSG-DM04	SSG-DM03	SSG-DM02	
	Description	Mini Motion Sensor Detection: 6m x 90°	PIR Motion Sensor. Detection: 10m x 90°	Dual PIR Motion Sensor Detection: 12m x 110°	Mini Door Contact Operating Distance: ±12.7mm	Door Contact Operating Distance: ±12.7mm	Door/Window Contact. Op. Distance: ±12.7mm	
	Size (mm)	39 x 30 x 33	86 x 54 x 39	126 x 55 x 39	44x24x11 / 25x10x10	75 x 50 x 18	74 x 74 x 19	
	Supply	3V (1 x CR2450)	3V (2 x AAA)	3V (2 x AA)	3V (1 x CR1632)	1.5V (1 x AA)	12V (1 x A23)	
	Spare Battery	CR2450	98111	98210	CR1632	98210	AC531	
<p>Wireless Range: up to 90m line of sight</p>	Battery Included	Battery Included	Battery Included				WiFi Humidifier	
	Code	SSG-RC03	SSG-PB03	SSG-PB02	SSG-WFS05	SSG-SD01	SSG-RF01	SJ-05A
	Description	Remote Control 4 Button	Wireless Doorbell Button With Name Plate	Wireless Push Button	Plug-in Strobe/Siren 110dB	Smoke Detector Sound Level: 100dB	RFID Tag TK4100 CMOS 125KHz	Aromatherapy humidifier 25-30ml/hr, 280ml tank Timer 1hr/3hr/6hr Alexa/App control 100-240VAC/24VDC
	Size (mm)	60 x 30 x 11	88 x 34 x 20	72 x 42 x 19	80 x 80 x 75	Ø125	Ø32	
	Supply	3V (1 x CR2032)	12V (1 x A23)	12V (1 x A23)	230VAC (2 Pin Euro)	9V (1 x 6F22)	-	
	Spare Battery	CR2032/5	AC531	AC531	-	98215	-	

NEW

SSG WIFI CAMERAS

This megapixel IP camera offers 1920 x 1080p HD resolution. It captures professional quality images and puts an end to "rain" and "shadow" that compromise the definition of captured images. The wireless connection simplifies installation by eliminating unwanted cabling. Images can be stored on an SD card (256GB not supplied) that can be inserted into the camera.

Miniature IP Network Camera

Code	Description
SSG-M1-1080P	Wireless Miniature IP Network Camera

Features

- PTZ Camera
- Resolution 1920 x 1080p
- Field of View 10m x 120°
- Rotation 355°
- IR Day / Night (5m IR Distance)
- Sensor 6.35mm colour CMOS
- Built in microphone
- Motion Sensing
- Network interface RJ45 10/100MB
- Dynamic or Static IP address
- Alarm I/P 4x On / 4 x Off
- Alarm function FTP photo / E-mail photo
- Size (W x H x D) 118 x 105 x 120mm

Included

- 1 x Wireless HD camera
- 1 x Power Adaptor 230VAC / 5VDC
- 1 x Stand
- 1 x User Manual



2.0 Megapixel



Day and Night IR



360° Wide Angle View



Mobile phone not included.
App: HiCam



SEC

NEW **DIY SMART WiFi ALARMS/ CAMERA KIT (433MHz)**

Mobile phone not included

APP: HOME 8



Google play

Available on the App Store



Video Verified Security Alarm System

Code	Description
H12015	Video Security Alarm System with night vision

Kit Includes	Features
1 x Mini Cube HD Camera 1 x Security Gateway 1 x Infrared Motion Sensor 1 x Keychain Remote 2 x Door / Window Sensors 1 x USB Thumb Drive 1 x Outdoor Siren	<ul style="list-style-type: none"> Protects data with bank level encryption & dual firewall 24/7 Intelligent recording Easily expandable with additional cameras & sensors Arm/disarm from phone/remote Devices in kit are paired before shipping (plug & play)

Mobile phone not included

APP: HOME 8



Google play

Available on the App Store



Starter Security Alarm System

Code	Description
H21004	Starter Security Alarm System

Kit Includes	Features
1 x Security Gateway 1 x RF 433 Dongle 2 x Door/ Window Sensors 1 x Keychain Remote	<ul style="list-style-type: none"> Easily expandable with additional cameras & sensors Push notification when activated User Friendly, Self configuring

Mobile phone not included

Google play Available on the App Store

APP: HOME 8



Starter Fire Safety Alarm System

Code	Description
S21002	Wifi Alarm Kit with fire sensor






Kit Includes	Features
1 x Security Gateway 1 x Fire Sensor 1x RF 433 Dongle	<ul style="list-style-type: none"> Detects High / Rapidly increasing temperatures Push notification when activated by system sensor and if sound of standalone sensor is detected Easily expandable with additional cameras & sensors

Home 8 Alarm Accessories

	Panoramic Talking Camera	Mini HD Camera	Outdoor Camera IP67	Mini Camera	2 Button Remote	
Wireless Range: Up to 90m line of sight	WiFi 2 Way Speech 300° Motorised Pan	WiFi 2 Way Speech	WiFi	WiFi		
Code	IPC2201	IPC2202	IPC2203	IPC1200	RMC1301	
Description	1280x720p HD Resolution Field of View 100° Up to 64GB Micro SD Card (excl), Automatic Night Vision	1280x720p HD Resolution Field of View 100° Up to 64GB Micro SD Card (excl), Automatic Night Vision	1920 x 1080p Resolution Digital Zoom, FOV 85° Up to 128Gb Micro SD Card (excl) Day/Night with ICR Filter & digital WDR	640 x 480p Resolution Adjustable Motion Detection Built-in Microphone Automatic Night Vision	Wireless 433MHz Remote Control Arm/Disarm Panic Button Low Battery Alarm	
Supply	230VAC/5VDC 1A Adapter	230VAC/5VDC 1A Adapter	12VDC / PoE	230VAC/5VDC 1A Adapter	3V (1 x CR2032)	
Size(mm)	115 x 60 x 60	48 x 90 x 19	70 x 157 x 62	196 x 110 x 98	52 x 32 x 12	
Spare Battery	-	-	-	-	CR2032/5	
	Door/Window Contact	PIR Motion Sensor	Outdoor Siren	Fire Detector	Garage Door Opener	WiFi Smart Plug
Wireless Range: Up to 90m line of sight						
Code	DWM1301	PIR1301	SRN1300	SNH1300	WGO2001	WPS1203
Description	Wireless 433MHz Contact Low battery alarm Tamper alarm Max 12.7mm Gap	Wireless 433MHz PIR Motion Sensor Low battery alarm Tamper alarm Range: 3 - 13m / 120°	Wireless 433MHz Siren Plug & Play Sound Level: 110dB c/w battery backup	Wireless 433MHz Detector Detects high or rapidly increasing temperatures & sounds of standalone detectors	WiFi IEEE802.11b WAP/WPA2 PSK Max switching 2A Max Capacity 62.5VA	WiFi IEEE802.11b/g WAP/WPA2 PSK On/Off switch Max Capacity 15A/1.8kW
Supply	3VDC (1 x CR123A)	3VDC (1 x CR123A)	5VDC 500mA Adapter	3VDC (1 x CR123A)	5VDC 500mA Adapter	230VAC/50Hz
Size(mm)	88 x 25 x 21 / 37 x 12 x 10	83 x 61 x 49	170 x 147 x 74	170 x 140 x 70	170 x 147 x 74	110 x 58 x 78
Spare Battery	CR123A	CR123A	-	CR123A	-	-

NEW

HOME 8 ALARM ACCESSORIES

	Range Extenders	Panic Button	Fall Detector	Medication Dispenser	Medication Tracking Sensor
Wireless Range: Up to 90m line of sight					
Code	RFR1330	PNB1301	FDS1300	WMD1201	ADS1302
Description	RF433 Range Extender To extend range of 433MHz devices	Wireless 433MHz Water resistant LED Indicator Low Battery Alarm	Wireless 433MHz Automatically triggers a signal if a fall is detected. Built-in Emergency Button	WIFI Auto Med. Dispenser with 28 pill compartments Audible reminder alerts Program up to 6 doses/day	Wireless 433MHz Sensor Low battery alarm. Works with timeable app to ensure medication is taken on time
Supply	230VAC/5VDC 1A Adapter	230VAC/5VDC 1A Adapter	3V (1x CR2032)	3V (1x CR2032)	6V (4 x AA)
Size (mm)	27 x 10 x 83	56 x 56 x 18	44 x 16 x 78	50 x 35 x 14	215 x 195 x 50
Spare Battery	-	-	CR2032/5	CR2032/5	98210

DIY ALARM KITS

2 Zone PIR Alarm with IR Remote Kit

Code PIR-3312K

- 1 x 2 Zone PIR Alarm Controller. An infrared (IR) remote controlled passive, infrared intrusion alarm with wide detection coverage, 8x12m
- 2 x IR Remote Control Keys. Infrared remote Arm/Disarm controller with 6 561 address code, 8m control distance, Home-Away-Off operations. It is also a panic button to trigger alarm in emergency, whether in armed or disarmed status.
- 1 x 12VDC Output Power Adaptor
- 5 Magnetic contacts (Door/Window Sensors)
- 1 x External Piezo Siren. Resets automatically after 1 minute, 108dB
- 30 metres of wire (2 pieces, each 15 metres)

Security Alarm Panel

Code MEALM-4ZBM

Features

- 4-Zone Wired Alarm Panel
- Compact, Low Cost System
- Microprocessor controlled
- 4 x Hard Wired Zones
- Full Remote Control (1 Remote incl.)
- 2 x Output Triggers
- Zone Bypass Feature
- Onboard charger with battery back-up
- 24 Hr Audible Panic
- 1 x Code Hopping Remote Unit
- For a Spare Remote, see TX Range page 987



Main unit connects with telephone

Wireless Auto-Dial Alarm System

Code	Features
RL-0503F	<ul style="list-style-type: none"> • Working range is 60m+ • Dial telephone or cell phone automatically when activated • All settings and recorded messages stored in case of power failure • RL-R6 Remote Control - wirelessly turn unit ON or OFF • RL-R2 Indoor Siren - will sound immediately when alarm is triggered • RL-R7 Outdoor Siren - will sound immediately when alarm is triggered • RL-R5 PIR sensor - detection 10m • RL-R3 Magnetic Contact with built-in alarm • RL-R1 Main Control Unit - can accommodate up to 38 accessories



Main unit with built-in GSM Module

6-Zone Wireless Alarm System

Code	Features
RL-0503C-D	<ul style="list-style-type: none"> • Working range is 60m+ • Dial telephone or cell phone automatically when activated • Adopts GPRS wireless transmission technology. It can dial telephone or send SMS automatically for alarm without telephone line, wirelessly arm/disarm the system and monitor audio from site • Voice recording function • Up to 38 accessories - Panic button is available • The system will call the saved 6 groups of phone numbers when activated

DIY INDOOR DETECTOR ALARMS

Code	115R	123SK	133A	135P	5200	436
Features	<ul style="list-style-type: none"> • Motion detector • Remote Control • Built-in alarm output up to 100dB • Alarm / Chime / Off switch control • Built-in super flasher • 4 x AA batteries (not incl.) • Infrared remote 	<ul style="list-style-type: none"> • Ceiling 360° motion detector alarm with remote control • Built-in alarm output up to 105dB • 9V battery operation (not incl.) • Optional-outdoor siren 120dB • Remote control 	<ul style="list-style-type: none"> • Built-in alarm output 100dB • Alarm / Chime / Off switch control • 9V battery operation (not incl.), DC Jack • Motion detector with alarm 	<ul style="list-style-type: none"> • Motion detector alarm with remote control • Motion sensor with up to 6 digit security code • 2-Pair magnetic • Infrared remote control with panic button • Built-in alarm output 105dB 	<ul style="list-style-type: none"> • Dual motion detectors with magnetic sensor • 1 x wide range sensor • 1 x curtain range sensor • Built-in alarm up to 105dB with remote • Programmable codes • Panic button • 2 x magnetic contacts • 9V back-up and AC power adaptor 	<ul style="list-style-type: none"> • 5-in-1 alarm • Box alarm • Personal alarm • Bicycle alarm • Door alarm • Travel alarm • Cable-lock with vibration sensor • Built-in alarm output up to 100dB • Panic button

RL

				NEW DIY WIFI DETECTORS	
Code	RL-9830	RL-9830RF2	RL-R10	WiFi PIR Alarm	WiFi Door/Window Contact
Description	1 x RL-R19 Sensor (Range: 3m 100dB) 1 x RL-R10 Remote	2 x RL-R19 Sensor (Range: 3m 100dB) 2 x RL-R10 Remote	Spare Remote		
Code				TR009W	TR026
Description				Controlled by app & remote. Get notifications of activations & alarm history in the app. • Siren: 110dB • Detection Range: 5m • 4 x AA Batteries • WiFi 802.11 b/g/n	Get notifications of activation and open/close history in the app. • Buzzer Alarm • Rechargeable Battery • WiFi 802.11 b/g/n • Sensor Size: 94x16x18mm • Magnet Size: 50x9x12mm
Features	<ul style="list-style-type: none"> • Working frequency: 434Mhz • Working distance: ± 30m • Detection angle: 120° • Alarm volume: >100dB 				

WIRELESS ALARM/CHIME SYSTEM

	PIR Motion Sensor	DC Alarm/Chime Warning Device	AC Power Receiver
	Indoor IP21 		Max. loading: 10A
Code	AEC-3004RZD	RC02DC	RC03
Description	<ul style="list-style-type: none"> • RF Transmitting ±60m • Plastic construction • Sensor range: 8m x 360° • Control receivers up to 60m away • 256 sets of changeable system code is available • Standard voltage: 1pc 9V battery (excl) • Able to control RC02DC, RC03 	<ul style="list-style-type: none"> • RF Transmitting ±60m • Plastic construction (Indoor) • Power: Adapter 6V 300mA or A 1.5V 4 pcs or AA 1.2V 4pcs (adapter & batteries not incl.) • With chime/off/alarm switch • Volume adjustment: 90dB maximum • Time adjustment: 5secs to 2mins • Receiving distance of 60m from transmitter • 256 sets of changeable system code 	<ul style="list-style-type: none"> • Outdoor/Indoor RF Receiving ±60m • Plastic construction (Indoor) • Power source: 240VAC 50Hz • Function: transmitter controls ON/OFF function • Time adjustment: 5secs to 7mins • Control receivers up to 60m away • 256 sets of changeable system code • Plug and socket not included, and users can install other power cables into RC03

HOME SECURITY

	Magnetic Sensor Entry Alarm	Magnetic Sensor Entry Alarm	Glass Vibration Breakage Alarm	Door Wedge Guard	Sliding Door & Window Alarm
Code	S080N	S080K	S086K	S063	S062
Features	No tools installation, a built-in 80-85 dB alarm siren and is excellent for windows, sliding doors & cabinet protection. Operates on two button cell batteries (included).	No tools installation, a built-in 90-105 dB alarm siren and is excellent for windows, sliding doors & cabinet protection. Operates on two button cell batteries (included).	Can be used on any glass window or door and features no tools installation. Built-in 80-85 dB alarm siren. Operates with two button cell batteries (included).	Uses a contact plate or vibration for alarm activation and has a high output 110-112 dB alarm siren. Great for travelling. Operates with a 9 volt battery (included).	High output 110-120 dB alarm, a screw locking mechanism for sliding window security. Activated by vibration. Operates with a 12 volt battery (incl). Easy installation.
	Entry Protection Chime	Wireless Motion Door Chime		Personal Safety Light	Detector
Code	S082X	DC4101	S001K	MINI FLASH	SW-3003
Features	Digital keypad on/of control, a built-in alarm siren and alarm or chime modes, it operates with 3 x AAA batteries (not incl). Instant or delay alarm options with detached magnetic sensors.	50m range. 256 codes to prevent interference. Power sources: Sensor 12VDC power or 1 x 6V battery (incl). Chime Unit: 4 x AA Batteries (not incl). 3 Chime options: 2 note chime, Bell tone, Westminster. Adjust. volume	50m range. 256 codes to prevent interference. Power sources: Sensor 12VDC power or 1 x 6V battery (incl). Chime Unit: 4 x AA Batteries (not incl). 3 Chime options: 2 note chime, Bell tone, Westminster. Adjust. volume	Compact & modern design. Attracts attention from over 1km at night. Ideal for safety signalling during jogging, cycling, hiking, camping, etc. Size: 26(L) x 10(W) x 55(H)mm	Hand held Metal Detector (Body scanner). Battery operated 9V rechargeable 130mAh or 150mAh (not included). Battery charger: 9V 500mA (included)
	Wireless PIR Doorbell & Alarm	PIR LED Night Light	Automatic LED Night Light	3-IN-1 LED Power Failure Light	
Code	FL-A06	FL-A08B	335NL	236	
Features	<ul style="list-style-type: none"> Battery operated: 3 x AAA (excl) 20m range Easy installation Detect distance: 20m Light source: Infrared beam Detect speed: 80m/s Sound output: Chime/Off/ Alarm Work temperature: -10~+40°C 	<ul style="list-style-type: none"> Power Supply: Battery operated 3 x AAA (excl.) Sense Distance: 8~10m Sense Angle: 160° 	<ul style="list-style-type: none"> With photocell sensor, automatically on at sunset, off at dawn Long life LED 	<ul style="list-style-type: none"> When power failure automatically turn on super bright LED emergency light With photocell sensor, soft LED night light automatically on at dark, off at dawn Built-in rechargeable batteries for continuous use over 10hrs Super bright LED torch AC power indicate LED 	

NEW **POWER SERIES ALARM SYSTEMS**


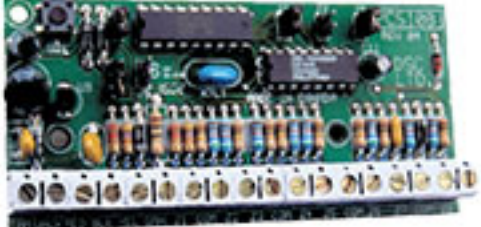




	16 Wired & 32 Wireless Zone Kit	8 Zone Hardwired Alarm Kit	16 Zone Hardwired Alarm Kit
Code	ACDC-DSC-16H16W-LCD	ACDC-DSC-8H-LED	ACDC-DSC-16H-LCD
	1 x 8 Zone Hardwired Control Panel 1 x 8 Zone Hardwired Expander 1 x 32 Zone Wireless Receiver 1 x LCD Keypad 4 x Digital PIR Detectors 2 x Magnetic Door Contacts 1 x Power Supply 1 x 12V 7Ah Backup Battery 1 x 25W Siren	1 x 8 Zone Hardwired Control Panel 1 x LED Keypad 2 x Digital PIR Detectors 2 x Magnetic Door Contacts 1 x Power Supply 1 x 12V 7Ah Backup Battery 1 x 25W Siren	1 x 8 Zone Hardwired Control Panel 1 x 8 Zone Hardwired Expander 1 x LCD Keypad 4 x Digital PIR Detectors 2 x Magnetic Door Contacts 1 x Power Supply 1 x 12V 7Ah Backup Battery 1 x 25W Siren

	8 - 16 Zone Control Panel	8 - 64 Zone Control Panel	Wireless Repeater	Wireless Receiver
	Expandable to 16 hard wired or 32 wireless zones 	Expandable to 64 hard wired and/or 32 wireless zones 		
Code	22PC1808-NK	22PC1864-NK	22WS4920	22RF5132-433W
	<ul style="list-style-type: none"> • 8 On-board hardwired zones • 8 Partitions / 48 user codes • 4 On-board PGM outputs expandable to 14 • 500 event log • Supports up to 8 keypads 	<ul style="list-style-type: none"> • 8 On-board hardwired zones • 8 Partitions / 95 user codes • 4 On-board PGM outputs expandable to 14 • 500 event log • Supports up to 8 keypads 	<ul style="list-style-type: none"> • 433MHz / 868MHz • Up to 4 repeaters per system (requires 22PC5320) • 164 Wireless devices • Wall and cover Tamper • Quick Enrollment 	<ul style="list-style-type: none"> • 433MHz / 868MHz • Supports 32 wireless zones • Up to 4 receivers per system (requires 22PC5320) • Supports up to 16 wireless keys • Wall and cover Tamper

	8 Zone LED Keypad	16 Zone LED Keypad	64 Zone LCD Keypad	64 Zone LCD Keypad
				c/w wireless receiver
Code	22PC1555RKZ	22PK5516E1	22PK5500E1	22RFK5500E1
	<ul style="list-style-type: none"> • 1 Zone input • Backlit buttons on keypad & display • LED Indicators: ready, armed, system, zone status • Audible feedback of correct key entries, pre-alert, system trouble & tone control 	<ul style="list-style-type: none"> • Zone input • Backlit buttons on keypad • 5 programmable function keys • Dual FAP keys & AC Status ICON • Wall Tamper support • Buzzer and backlit button control 	<ul style="list-style-type: none"> • Zone input • Backlit buttons on keypad • 5 programmable function keys • Buzzer and backlit button control • Dual FAP Keys • Wall Tamper support 	<ul style="list-style-type: none"> • Terminal for programmable in/output • Built-in 32 zone wireless receiver • Compatible with 22PC5320 • 5 programmable function keys • 3 one touch Emergency Keys(FAP) • Multiple door chime per zone • Adjustable backlight & buzzer • Dual wall & cover tamper detection









NEW

POWERSERIES SYSTEM COMPONENTS

	Data Module Interface	8 Zone Hardwired Expander	Multiple Wireless Receiver	IP Communicator
				
Code	22IT-100	22PC5108	22PC5320	38EVL-4CG
	<ul style="list-style-type: none"> • Home automation • Bi-directional RS232 interface • Fully Programmable • Real-time zones • Requires 04IT-100-SOFTWARE 	<ul style="list-style-type: none"> • 8 x hardwired zone expander • Aux power, 125 mA (PTC protected) • Compatible with 22PC1808 / 22PC1864 control panels 	<ul style="list-style-type: none"> • Multi-frequency support for combination of 868/433 MHz receivers • Compatible with 22PC1808 / 22PC1864 control panels • Can be used to connect up to 4 wireless receivers 	<ul style="list-style-type: none"> • Supports all power series control panels • Web browser app • Remote Arm/Disarm • Bypass • Alarm notification email or sms
	Dual Ethernet/GSM Communicator		Ethernet Communicator	
		<ul style="list-style-type: none"> • Compatible with 22PC1864 control panels (v4.1 & higher) • Back up and Primary HSPA alarm communication • Full event reporting/SIA protocol • PC-Link connection • Panel Remote up/downloading via cellular • Supervision heartbeats via cellular • 128 Bit AES encryption via cellular • Contact ID protocol (power series v4.5 & communicator firmware v1.1 or higher) 		<ul style="list-style-type: none"> • Compatible with 22PC1864 control panels (v4.1 & higher) • Panel remote up/ downloading via internet/intranet using DLS 5 • Programmable using DLS5 or keypad • Supervision heartbeat via inter/intranet • 128 bit AES encryption with full event format I SIA protocol • Contact ID protocol (with power series v4.5 & communicator firmware v1.1 or higher)
Code	22SG-TL2603G		22SG-TL260	

NEW

WIRELESS DETECTION

	Door Contact	Vanishing Contact	Pet Friendly Detector	Smoke & Heat Detector
				Photoelectric 
Code	22WS4945W	22WS4975W	22WS4904W	22WS4936EU
	<ul style="list-style-type: none"> • Built in N.C. reed switch • External Contact Input • 1 Lithium battery included • Case & mounting tamper detect 	<ul style="list-style-type: none"> • Built in reed switch • Long-life lithium battery included • Case Tamper • Wafer-thin profile 	<ul style="list-style-type: none"> • High traffic shut down • Fast / Slow sensitivity settings • 1 Lithium battery included • Pet friendly up to 27kg 	<ul style="list-style-type: none"> • Automatic drift compensation • Fixed heat & rate of rise detection • Built-in 85dB horn • Long life lithium battery included
	Lithium Battery	Evo Kit	LED Indicator	Remote for Evo Kit
				
Code	10LSH20	03EV-REC1E-5BUTT	03EV-REC LED	03EV-REM-5BUTT
	<ul style="list-style-type: none"> • Battery Lithium 3.6VDC • For wireless outdoor detectors 	<ul style="list-style-type: none"> • DSC 5 button Evo kit • 2 remotes & 1 receiver • 1 LED with back plate 	<ul style="list-style-type: none"> • LED with back plate for Evo Kit 	<ul style="list-style-type: none"> • 5 Button Remote • For DSC Evo Kit

NEW

HARDWIRED DETECTION SENSORS









	PIR Motion Sensor	Wide Angle & Long Range Detectors		Wide Angle Twin PIR																												
		IP54 	IP54 																													
Code	07FX360	07LX402C	07LX802N	07VXI-ST																												
	<ul style="list-style-type: none"> • 360° Ceiling mount PIR • Up to 12m diameter sensing • Mounting height of 2.4 - 3.6m • Improved EMI • Tamper detection • Patented multi focus lens 	<ul style="list-style-type: none"> • Wide angle detection • 12x15m/120° detection pattern • Temperature compensation • Double conductive shielding • Day & night modes • Pet alley selectable 	<ul style="list-style-type: none"> • Long range detection • 24 x 2m detection pattern • Temperature compensation • Double conductive shielding • Day & night modes • Pet alley selectable 	<ul style="list-style-type: none"> • 12m wide angle (90°) twin PIR • Advanced SMDA target recognition • 5 x adjustable detection ranges • 5 x detection patterns • Small animal tolerance • Auxiliary input for second device 																												
	Outdoor Detector	Compact Outdoor Detector	Long Range Outdoor Detector	Spacer																												
	IP55 	IP55 	IP54 																													
Code	07WXI-ST	07FTN-ST	07BX80N	07SP-2																												
	<ul style="list-style-type: none"> • Dual or Single Zone programmable (right/left) • Up to 12m (180°) detection area • Adv.variable multi-area detection • Advanced SMDA target recognition • Auto masking lens built-in • Pet friendly up to 45kg 	<ul style="list-style-type: none"> • Selectable 5m/2m narrow ranges • 190° Horizontal rotation • Dual PIR Detectors for enhanced pet tolerance • Double conductive shielding • Multi dimensional analysis logic • Intelligent AND logic 	<ul style="list-style-type: none"> • Variable 2 -12m x 600mm detection area on each side • Advanced temp.compensation • Size judging function • Double conductive shielding • Audible alarm function 	<ul style="list-style-type: none"> • Spacer for 07BX80N 																												
	High Mount Pet-Friendly PIR	High Mount Long Range PIR	IR Beam Detection - IP55																													
	IP55 	IP55 																														
Code	07HX40	07HX80N																														
	<ul style="list-style-type: none"> • High mount (2.5 - 3m) • Vegetation sway analysis logic • Dual signal processing • Intelligent AND detection logic • Compensation logic • 12m / 85° detection pattern • 94 detection zones 	<ul style="list-style-type: none"> • High mount (2.5 - 3m) • Vegetation sway analysis logic • Double conductive shielding • Intelligent AND detection logic • Summer night compensation logic • 24 x 2m detection pattern • 20 detection zones 	<table border="1"> <thead> <tr> <th>Code</th> <th>Distance</th> <th>No of beams</th> <th>Length</th> </tr> </thead> <tbody> <tr> <td>28BS-IF-4 10M</td> <td>10m</td> <td>4</td> <td>72cm</td> </tr> <tr> <td>28BS-IF-4 30M</td> <td>30m</td> <td>4</td> <td>72cm</td> </tr> <tr> <td>28BS-IF-6 10M</td> <td>10m</td> <td>6</td> <td>125cm</td> </tr> <tr> <td>28BS-IF-6 30M</td> <td>30m</td> <td>6</td> <td>125cm</td> </tr> <tr> <td>28BS-IF-8 10M</td> <td>10m</td> <td>8</td> <td>167cm</td> </tr> <tr> <td>28BS-IF-8 30M</td> <td>30m</td> <td>8</td> <td>167cm</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Less than 40ms reaction time • Compatible with wireless and hardwired alarms 		Code	Distance	No of beams	Length	28BS-IF-4 10M	10m	4	72cm	28BS-IF-4 30M	30m	4	72cm	28BS-IF-6 10M	10m	6	125cm	28BS-IF-6 30M	30m	6	125cm	28BS-IF-8 10M	10m	8	167cm	28BS-IF-8 30M	30m	8	167cm
Code	Distance	No of beams	Length																													
28BS-IF-4 10M	10m	4	72cm																													
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28BS-IF-6 30M	30m	6	125cm																													
28BS-IF-8 10M	10m	8	167cm																													
28BS-IF-8 30M	30m	8	167cm																													

Hollow Enclosures for Photoelectric Beams

	c/w Light fitting Able to house up to 3 twin photoelectric beams 	c/w Light fitting Able to house most twin photoelectric beams 	c/w Light fitting Column enables the installation of up to 6 twin beams in any TX and RX combination 
Code	23CAV2	23CAV-W	23MALTA2
	<ul style="list-style-type: none"> • 180° Visual Sighting • Height - 100cm x Ø100mm • Durable aluminium structure • UV treated polycarbonate housing • Simple and discreet enclosure 	<ul style="list-style-type: none"> • 180° Visual Sighting • Height - 58.45cm x Ø100mm • Durable aluminium structure • UV treated polycarbonate housing • Simple and discreet enclosure 	<ul style="list-style-type: none"> • 180° Visual Sighting • Height - 185cm x Ø100mm • Durable aluminium structure • UV treated polycarbonate housing





NEW

BATTERY POWERED / WIRELESS READY DETECTORS

	Outdoor Detectors		Compact Outdoor Detector	Long Range Outdoor PIR				
	<p>IP55</p> 	<p>IP55</p> 	<p>IP55</p> 	<p>IP54</p> 				
Code	07VXI-R	07WXI-R	07FTN-R	07BX80NR				
	<ul style="list-style-type: none"> • Digital double layer detection • 12m wide angle (90°) • Twin sensor PIR device • 5 x adjustable detection areas • 5 x adjustable detection ranges • Small animal tolerance function • Multi tamper detection protection 	<ul style="list-style-type: none"> • Dual or Single Zone programmable • Up to 12m (180°) detection area • Adv. variable multi-area detection • Auto masking lens built-in • Pet friendly up to 45kg • Ultra low current consumption • 3 - 9V Battery Powered (Lithium/Alkaline) excluded • Wireless transmitter excluded 	<ul style="list-style-type: none"> • Selectable 5m/2m narrow ranges • 190° horizontal rotation • Dual PIR for enhanced pet tolerance • Multi dimension analysis logic • Double conductive shielding • Intelligent 'AND' logic • 3 - 9V Battery Powered (Lithium/Alkaline) excluded • Wireless transmitter excluded 	<ul style="list-style-type: none"> • Variable 2 - 12m x 600mm detection area on each side • Low current draw • Battery Saving Circuit • Advanced temp. compensation • Size judging function • Double conductive shielding • 3 - 9V Battery Powered (Lithium/Alkaline) excluded • Wireless transmitter excluded 				
	Outdoor AM Detectors		Photoelectric Beam	Dual Outdoor Infrared Beams				
	<p>IP55 Pet friendly</p> 	<p>IP55 Pet friendly</p> 	<p>IP65</p> 	<p>IP55</p> 				
Code	07HX40RAM	07HX80NRAM	07SL-350QNR	07AX100TFR 07AX200TFR				
	<ul style="list-style-type: none"> • High Mount (2.5m - 3m) • Compensation logic • Active IR anti mask technology • 12m / 85° detection pattern • 94 detection zones • Vegetation sway analysis logic • Battery not included 	<ul style="list-style-type: none"> • High Mount (2.5m - 3m) • Compensation logic • Active IR anti mask technology • 24 x 2m detection pattern • 20 detection zones • Vegetation sway analysis logic • Battery not included 	<ul style="list-style-type: none"> • 100m range • Beam interruption adjust function • Triple tamper protection function • D.Q Circuit • 99% beam blocking stability • Wireless ready • Batteries not included 	<table border="0"> <tr> <td>Range 30m</td> <td>Range 60m</td> </tr> <tr> <td colspan="2"> <ul style="list-style-type: none"> • Triple tamper protection function • 99% beam blocking stability • A.G.C circuit • Adjustable beam blocking time • Wireless ready • Batteries not included </td> </tr> </table>	Range 30m	Range 60m	<ul style="list-style-type: none"> • Triple tamper protection function • 99% beam blocking stability • A.G.C circuit • Adjustable beam blocking time • Wireless ready • Batteries not included 	
Range 30m	Range 60m							
<ul style="list-style-type: none"> • Triple tamper protection function • 99% beam blocking stability • A.G.C circuit • Adjustable beam blocking time • Wireless ready • Batteries not included 								

NEW

SOLAR WIRELESS DETECTORS

	Solar Wireless Infrared Beam Detection			Receiver (Wireless to Digital Adaptor)
Frequency: 433MHz FSK+FHSS	 HB-T001S4  HB-T001S8  HB-T001Q8			
Code	HB-T001S4	HB-T001S8	HB-T001Q8	Code HB-ZJQ-3
No. of Beams	4	8	8	<ul style="list-style-type: none"> • Converts FM wireless signals to digital output signals for connecting to wired alarm system • 8 defense zones (8 digital outputs) • External 12VDC supply required • Designed for HB-T001** detectors
IR Distance	10m	6m	80m	
Radio Distance	Up to 100m	Up to 100m	Up to 100m	
Size (mm)	620 x 48 x 56	1120 x 48 x 56	1900 x 84 x 45	
Weight	1.5kg	2kg	<4.5kg	
Features	<ul style="list-style-type: none"> • Alarms before intruder enters building • Does not require space inside building • Does not require external power source • Does not require connecting cables 	<ul style="list-style-type: none"> • Multi-beams ensure positive detection • Internal diagnostics and fault reporting • Immune to false light triggers • Beam coding ensures no inter-unit interference 		

BEAM DETECTION



Outdoor Infrared Beam Detection

Code	Outdoor Detection	Indoor Detection
ABH-100	100 meter	300 meter
ABH-120	120 meter	300 meter
ABH-150	150 meter	450 meter

Specifications

- 4 Beams: Infrared digital pulse
- Horizontal Angle adjustment (180°)



One Beam Infrared Detector - IP66

Code	AX-30KD
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Specifications

- Voltage: 9 - 16VDC
- White-light protection
- For external ranges up to 30m outdoors
- For gate automation
- Pre-selection access



Double Infrared Beam Detector - IP44

Code	Outdoor Detection	Height
FL-IR60	60 meter	170 mm
FL-IR80	80 meter	170 mm

Specifications

- Weatherproof
- Double IR beam with infrared light source
- Supply volts: 10-28VDC
- Alarm Output: Relay output, AC/DC 30V 0.5A
- Work Temperature: -25 - 55°C
- Light Angle: Horizontal 180°±90, Vertically 20°±10



Infrared Beam Detector

Code	Outdoor Detection	Height
FL-IR250-3	5 meter	685 mm
FL-IR250-5	5 meter	1200 mm
FL-IR250-8	5 meter	1720 mm

Specifications

- 3/5/8 IR Infrared Beam• Supply: 9-15VDC
- Detect Speed: 50 - 300ms (Adjustable)
- Alarm Output: Relay O/P, AC/DC 30V/10A
- Work Temperature: -25 - 55°C
- Light Angle: Horiz. 180±90, Vert. 20±10

Twin beams provide reliable perimeter security, minimizing false alarms from falling leaves, etc. Weatherproof, sunlight-filtering case for indoor and outdoor use. Easy installation with built-in laser beam alignment system.



Twin Photobeam Detectors - IP55 Supply: 10-30VDC (non-polarity)

Code	E960-D90	E960-D190	E960-D290	E960-D390
Max. range outdoor	30m	60m	90m	120m
Max. range indoor	60m	120m	180m	240m
Current	47mA	56mA	60mA	62mA
Interrupt Speed	50msec~700msec (variable)			
Alarm / Tamper Output	N.O./N.C. relay, 1A @ 250VAC / N.C. relay, 1A @ 250VAC			
Alignment Angle	Horizontal: ±90°, Vertical: ±5°			
Operating Temperature	-25° ~ 55°C			

MAGNETIC SWITCHES

Plastic

Code	HO-03M (N/C)	MC-10(N/O) MC-01(N/C)	IM-140	SM-207-5Q	SM-207-5LQ	S-1091B S-102
	<ul style="list-style-type: none"> • N/C 500mA • Base mounted • Operating Distance: 15mm ± 5mm 	<ul style="list-style-type: none"> • Wide Actuating distance: 20mm • 100mA@35VDC • Operating distance: 15mm ± 5mm 	<ul style="list-style-type: none"> • Flange mounted • Operating Distance: 16mm ± 5mm • N/C 150mA 	<ul style="list-style-type: none"> • Magnet contact • Operating Gap 1" (25mm) • N/C Contact 	<ul style="list-style-type: none"> • Magnet contact • Operating Gap 3/8" (10mm) • N/C Contact 	<ul style="list-style-type: none"> • Zinc Alloy Housing, Chrome Plated • 2 Position Off/On • Contact Rating: 0.5@250VAC • Key removal in both 'On' and 'Off' positions • Each key switch uniquely coded

Metal

Code	HO-03D	HO-03P	IM-136	IM-141	MC-02 (N/C)	IM-15
	<ul style="list-style-type: none"> • 1 C/O (500mA) • Armoured cable • Size:111x45x12mm 	<ul style="list-style-type: none"> • 1 C/O (500mA) • Armoured cable • Size:111x45x12mm 	<ul style="list-style-type: none"> • 20" (50cm) • Stainless steel armoured cable • Size:106x38x10mm 	<ul style="list-style-type: none"> • Magnet contact • Size: 106x38x10mm 	<ul style="list-style-type: none"> • Mounting hole: Ø 9.5mm • 100mA@35VDC 	<ul style="list-style-type: none"> • Anti-Tamper Switch • Voltage: 12VDC • Load current: 1.25A

HARDWIRED DETECTORS



Dual Technology Motion Sensors

Code	DT7225	DT7435	DT7450C
Max. Range	7.6m x 9m	11m x 11m	15m x 18m
Consumption	25mA	25mA	30mA
Voltage	9-16VDC	9-16VDC	9-16VDC
M.W Frequency	24.125GHz	24.125GHz	24.125GHz
Install Height	2.3m	2.3m	2.3m
Sensitivity	H/L Select	H/L Select	H/L Select
Dimensions	119x71x42mm	119x71x42mm	119x71x42mm
Pet Immune	No	Yes (45kg)	No
Alarm Output	NC (Energised)	NC (Energised)	NC (Energised)

- PIR and MW Detection
- Total view: 90°
- Anti-white light, Alternative LED-off mode
- PIR field of view: 22 long range
2 intermediate
6 lower range

Indoor Hardwired Motion Sensors

		Range 11m mounted 	Low Power 		
Code	RX-40QZ	PIR-9236	LP-991	PA-476PET	PIR-9822
Type	Dual Passive	Dual Passive	General Purpose	Pet Immune 18kg	Dual Passive
Volts	9 - 16VDC / 15mA	9 - 16VDC	8 - 16VDC / 5mA	8 - 16VDC / 18mA	9 - 16VDC / 15mA
Range / Angle	12m / 90°	3.6m high / 360°	12m / 120°	15m / 88.5°	15m / 110°
Size (mm)	127 x 64 x 45mm	Ø86 x 22.5mm	102 x 72mm	94 x 66 x 52mm	127 x 64 x 45mm

					Sensor Syn-chroni-sation
Code	CQ-86	FL-AC03	FL-AL7	FL-AC12	F102TWIN13/V
Type	Dual Passive	General Purpose	Glass Break & PIR	Glass Break	PIR & Microwave
Volts	12VDC / 16mA	8-16VDC/30mA	8-16VDC	8-16VDC	12VDC
Range / Angle	12m / 120°	12m/160°	12m/120°	3m(70-80dB)	13m/108°
Size (mm)	70 x 60 x 37	92 x 68 x 59	134 x 68 x 56	93 x 56 x 25	118 x 68 x 51

Outdoor Passive Detectors - IP54

Emergency / Egress Buttons

Code	DG85	LX-402	SS-075C-PEQ	HO-02
Type	Dual Passive	Outdoor	c/w 3 Stick Lables & mounting screws NO/NC (1A 12VDC)	White with Silver Label NO/NC Contact
Volts	9 - 16VDC / 30mA	10.8 - 13.2VDC / 25mA		
Range / Angle	11 x 11m / 90°	12 x 15m / 120°		
Size (mm)	176 x 83 x 66	141 x 75 x 53		

ALARM ACCESSORIES



Security Comms Cable (per 100m roll) - Voltage 12V

Code	Solid Conductor	Size (mm)	Code	Stranded Conductor	Size (mm)
WS04	4 Core Solid	0.4mm Copper	WST04	4 Core Stranded	0.22mm Copper
WS06	6 Core Solid	0.4mm Copper	WST06	6 Core Stranded	0.22mm Copper
WS08	8 Core Solid	0.4mm Copper	WST08	8 Core Stranded	0.22mm Copper
WS12	12 Core Solid	0.4mm Copper	WST12	12 Core Stranded	0.22mm Copper
WS20	20 Core Solid	0.4mm Copper	WST20	20 Core Stranded	0.22mm Copper



Cabletyre & Ripcord - Lengths 5m, 10m, 20m, 50m

Code	Solid Conductor	Size (mm)
W201-*	3 Core Cabletyre	0.5 x 3 Core
W401-*	White Ripcord 0.2	0.2mm Copper
W402-*	White Ripcord 0.4	0.4mm Copper
W403-*	White Ripcord 0.5	0.5mm Copper

*Add Length: 5M, 10M, 20M, 50M

*Specify colours: ○ WH(White), ● BK(Black), ○ C(Clear)

WIR



Clear Cable Glue Tube (50ml)

Code	CGL-AD90
Description	<ul style="list-style-type: none"> • Ideal for fixing wiring to nearly any surface • Use with any alarm cable



Sealed Lead Acid Battery - Maintenance Free

Code	Capacity	Size (mm) L x D x H	Terminal
SY1270	12V/7Ah	150 x 65 x 102	Lug
SY12012	12V/12Ah	151 x 98 x 102	Lug
SY12024	12V/24Ah	165 x 126 x 173	Lug

BC1



Clear Adhesive

Code	JT-ADH-BL-GCL
Details	Clear Adhesive
Size	50ml
Qty. per box	18

P3

SMOKE GENERATOR



Smoke Generator Unit

Code	WY-15
Operating Frequency	433.92MHz
Smoke effectiveness	30min, self extinguishing
Power Source	110V/220VAC
Spray time	55 sec / 5 times / 450cc
Dimensions (mm)	280 x 140 x 400L

Kit consists of

- 1 x smoke generator, 1 x key remote, 1 x cradle,
- 1 x manual, 1 x PIR, 1 x window sensor,
- 1 x chemical 450cc

Features

- Wireless or wired control • Effective range 7 metres
- Smoke made of inflammable, non toxic substance
- Smoke consists of plant vapour causing no harm to the human body, furniture & electrical equipment

Optional Extras

Code	Description	Code	Description
WY-SMOG-RC	Key remote controller	JBS-100R 12VDC	Flashing light (DC12V)
WY-SSS-YW	Window sensor	KPS-112	Siren 110dB
WY-SSS-YP	PIR motion detector	WY-SMOG-CT	Counter (spray times)
TFAD091155	AC adaptor for PIR unit	FD-601-B02B	Software with USB cable
FG-004-02	Liquid 450cc bag	WY-SMOG-BU	Buzzer

Application

Security: On entry by intruder into the premises, the alarm is triggered & the smoke system is activated. The intruder will be unable to see any articles intended to be stolen and will leave the premises immediately.

OUTDOOR SIRENS WITH STATUS INDICATION IP65

For more sirens and beacons see pages 411-426



Code	IM-301	IM-303	IM-302
Voltage	10-15VDC / 400mA (max)	13.8-14.2VDC / 1550mA (max)	10-15VDC / 420mA (max)
Siren Output	115dB @ 1m	120dB @ 1m	115dB @ 1m
Timer	5 sec, 3min, 20min, continuous	5 sec, 3min, 20min, continuous	5 sec, 3min, 20min, continuous
Battery Back-up	No	Yes, 12V up to 1.3Ah	Yes, 7.2V up to 500mA
Dimensions (mm)	210 x 130 x 78	270 x 193 x 100	300 x 250 x 65

NEW

SMART SECURITY LIGHTING IP44



IP Camera Security Light

Code	S-1801
LED/Total Power	10/13W
Input Voltage	100-240VAC
Lumen/CCT	6000lm/6500K
Lens	3.6mm (FOV: 270° (H) x 100° (V))
Resolution	1280 x 720 (HD)
Size (mm)	269 x 181 x 169

- Built-in Microphone & Speaker
- IR Illumination for night vision
- Built-in motion sensor (180° x 12m max. adj lux & time)
- Wifi camera can be viewed on your smart device via the free app



PIR Alarm Security Light

Code	S-1701
LED/Total Power	10W
Input Voltage	100-240VAC
Lumen/CCT	600lm/6500K
Sound Level	110dB
Size (mm)	238 x 200 x 156

- When motion is detected, the area will be illuminated and the alarm will sound
- c/w Remote control to arm/disarm
- Built-in motion sensor (180° x 12m max. adj lux & time)

NIGHT-WATCHER MOTION SENSORS IP54

Supply Voltage: 230VAC
RX7s Lights can be fitted



R7S-9W



Includes wireless camera transmitting up to 80-100m

Code	FS69-W
Description	Motorised Floodlight
Features	<ul style="list-style-type: none"> • 3 x Passive Infrared sensors • Light activates for 3mins • Programmable functions for day and night • Detection 210° up to 10m • 9W CFL Daylight Lamp (incl)

Code	R7S-9W-*
Description	Spare CFL Lamp (Daylight)

* Add Colour to Code: CW, WW

Code	AEC-9336C-D
Description	24W Motorised Floodlight with camera
Features	<ul style="list-style-type: none"> • Built-in camera, 2.4GHz wireless SD card - storage up to 2GB max • Sensor 10m x 160° • Camera spec: 640 x 480 @ 10fps motion jpeg • Multi-sensor technology with 210° detection • Camera activates for 30secs • Night mode with light on at 3mins • Works with receivers: AEC711C, AEC707C, AEC752C

Receivers for AEC-9336C-D



AEC707C

AEC711C

AEC752C

Code	Description
AEC711C	Digital 2.4GHz wireless LCD monitor
AEC707C	Digital 2.4GHz wireless TV receiver
AEC752C	Digital 2.4GHz wireless USB receiver

STAND ALONE ACCESS CONTROL

IP21

With doorbell & card reader (supplied standard with 2 EM cards)
Spare Card DK-92861CARD



With doorbell button

IP65

Code & Card Reader - Vandal Resistant
c/w 5x EM cards
Back-lit keypad



15VAP-12VDC-T

- These keypads are self-contained digital access keypads designed for door strike and other access control applications in office and home security installations.
- Single User Code and Multi-User Codes for operating the relay output.

Code	DK-92861	DK-9810D	DK-2882
Output	1 Relay Output @ 5A(NO/NC) 1 x Doorbell output 1 x NC Tamper	1 Relay Output @ 5A(NO/NC) 1 x NC Tamper. Collector Output 1 x NPN Transistor open	1 Relay output @ 5A 1 Relay output @ 1A
Mounting	Surface (Weatherproof)	Surface	Surface
Supply	12-24VDC	12VAC/DC	12-24VDC

Code	Description
DK-2882CARD	Extra cards for DK-2882
15VAP-12VDC-T	Adaptor Plug

Stand-Alone Proximity Reader IP67

Code	PR-112S-A
Output	1 x Relay 1A@30V
Mounting	Surface (Weatherproof)
Supply	12VDC
Code	PR-KISI-A
	Additional user cards Sold in packs of 10
Code	PR-K1K1-AQ
	Key fob style Proximity Tags (Pack of 10)

Features

- Sealed & weatherproof
- Output relay 1W either timed (1 - 180s) or "toggle" mode
- Buzzer for audible confirmation
- Up to 100 cards can be programmed
- User cards can be easily deleted
- Up to 5 master cards can be programmed
- c/w 10 cards included



Stand-Alone Fingerprint Access Controller












Features

- Programming done via remote control or using manager fingerprint
- Up to 120 users can be identified & allows for exit button
- Gives alarm when door is propped open
- No need to connect to PC to program

Code	F-007
Output	Relay output 2A@12VDC
Mounting	Surface
Supply	12VDC

NEW

FINGERPRINT / RFID CARD / READERS

	Enrollment Reader		Readers & Access Control		
	Indoor  IP54	Indoor  IP54	Outdoor  IP65	Outdoor  IP54	
Code	AMA-U-BIO	AMA-T5-PRO	AMA-M5	AMA-VF30	
Read Mode	Enrollment Fingerprint Reader	FP, Card, FP+Card	FP, Card, FP+Card	FP, Card, FP+Card PW+Card, FP+Card	
FP Capacity	—	1000	2000	2000	
Card Capacity	—	1000	1000	2000	
Record Capacity	—	50000	2000	50000	
Software	—	Mi-Time Light (Incl)	Mi-Time Light (Incl)	Mi-Time Light (Incl)	
Power Supply (Not Supplied)	—	12VDC/3A With battery back-up	12VDC/3A With battery back-up	12VDC/3A With battery back-up	
Comms	USB	TCP/IP, RS485, Mini USB	TCP/IP, Wiegand I/O	TCP/IP, RS485, Mini USB Wiegand I/O	
Input	Connection for Egress control (Requires 1 x NO potential free contact)				
Output	1 x Relay C/O contact (12VDC/1A) can be used for Mag-Lock control				
Features	Access Control: Fingerprint Reader. Compatible with Mi-Time & Mi-Time Light software. Compact and portable with USB connectivity.	Access control, Fingerprint and RFID card reader. Easy user enrollment via master card or software. TCP/IP, RS485, Mini USB communication.	Access control, Fingerprint and RFID card reader. Compatible with most 3rd party controllers via Wiegand interface.	Full Time and Attendance functionality. Access Control, Fingerprint, RFID card reader and PIN Password. RS485, Mini USB slave, TCP/IP, Wiegand I/O communication.	
	Enrollment Device	Access Control / Time & Attendance			Door Controllers
		 IP54	 IP54	 IP65	
Code	WASP	SPARROW	HAWK	STINGER	AMA-DC-E-1
Read Mode	Enrollment FP Reader	FP, Card, Pin	FP, Card, Pin	FP, Card, Pin	Single door controller
FP Capacity	Resolution 500DPI	1000	1000	3000	Input from two readers
Card Capacity	—	1000	1000	3000	Comms: TCP/IP
Pin Capacity	—	1000	1000	3000	Opening Time: 1 - 600sec
Record Capacity	—	100000	100000	100000	No. of Users: 20000
Software	—	MI-Time Lite (Incl)	MI-Time Lite (Incl)	MI-Time Lite (Incl)	
Comms	USB	USB, TCP/IP	USB, TCP/IP	USB, RS485, TCP/IP	
Input / Output	—	Wiegand 26 Bit	Wiegand 26 Bit	Wiegand 26/34 Bit	
Power Supply	From USB	Excluded see EAP-5D5Q	Excluded see EAP-5D5Q	Excluded see EAP-5D5Q	
Features	Access control Fingerprint reader Compatible with MI-Time & Mi-Time Lite Software Compact and portable USB connectivity	Access control Time & Attendance	Access control Time & Attendance 2.8" (71mm) LCD Display Voice Prompts	Access control Time & Attendance 32 Bit CPU arm Sub miniature scanner USB Flash disc Voice Prompts Direct control	

Accessory - Mi-Time Software (Full Package)

Code MI-TIME-*

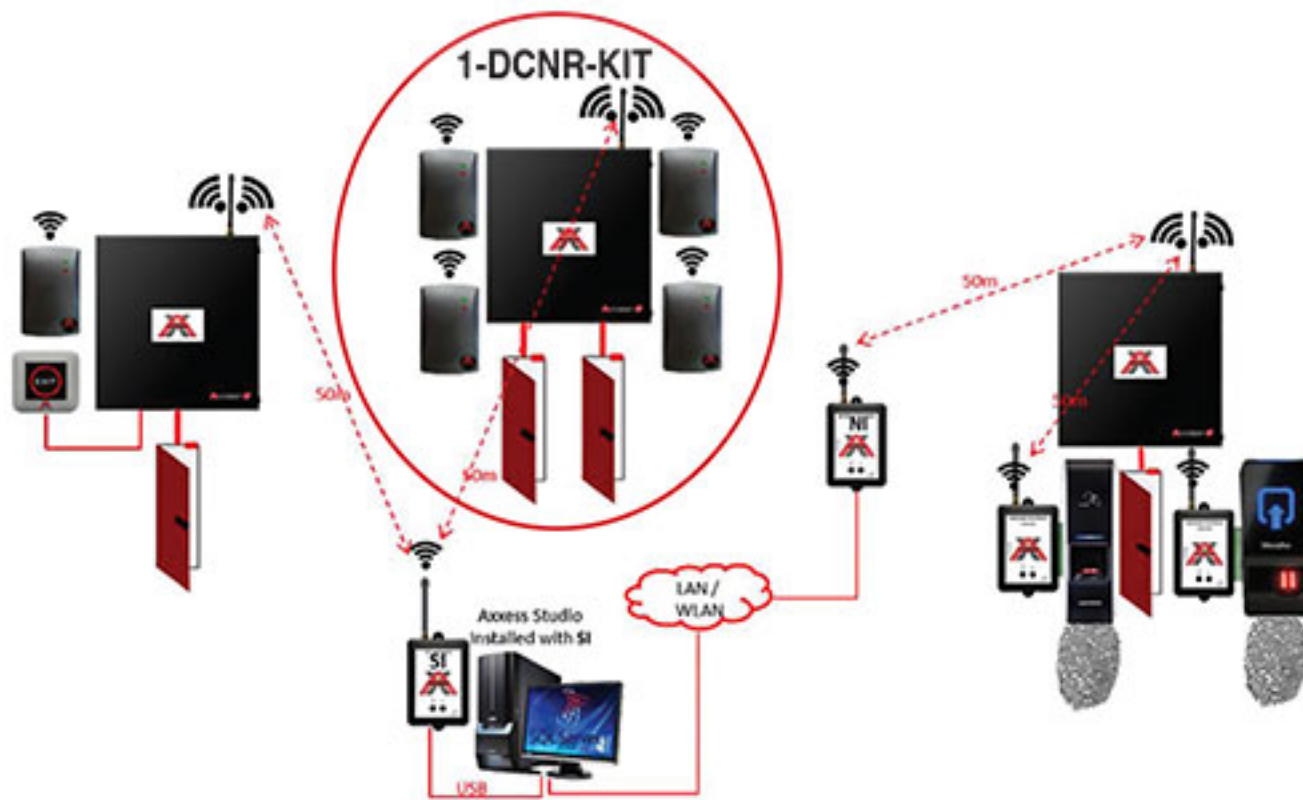
* Add number of employees to code: 50, 100, 150, 250, 300

Note: Available for 350-10000 plus employees - please request quotation

- Annual licence fee based on number of employees.
- User Friendly - Intergrates into all major payroll packages.
- Unlimited shifts and rosters.
- Flexi / Daily / Weekly shift setup.
- Monthly / Weekly / Fortnightly / Over-time calculations.
- Leave management.
- Employee badge printing.
- Manual / Auto editing.
- Windows 7, XP & VISTA.

NEW WIRELESS ACCESS CONTROL SYSTEM

The Axxess software manages Alarms, Door sensing, Movement tracking and offers customised reporting with Time and Attendance data exporting reporting, Time and Attendance data exporting templates. This graphics based system offers real time monitoring of events, diagnostics, device status etc. Multiple remote client access for system management with custom multi user access levels. Connect 3rd party Weigand devices and integrate into Axxess system.



2 Door Control Kit (125kHz Tag / Card Reader)

Code	Description
1-DCNR-KIT	Kit consists of: 1 x AXSI-01 Axxess-E System License 1 x AXDC-01 Door Controller c/w 15V power supply 4 x AXNR-01 Card Reader

4 Door Control Kit (125kHz Tag / Card Reader)

Code	Description
2-DCNR-KIT	Kit consists of: 1 x AXSI-01 Axxess-E System Interface 2 x AXDC-01 Door Controller c/w 15V power supply 8 x AXNR-01 Card Reader Standard 125KHz cards (AXNR-RFID)

	Site Interface	Door Controller	RFID Reader	Bio-Metric Interface	
Code	AXSI-01	AXDC-01	AXNR-01	AXBN-01	
Description	<ul style="list-style-type: none"> • USB Site Interface • Connection to the server • Main channel of communication • System S/W Interface • One Site Interface is required for System 	<ul style="list-style-type: none"> • Door Controller • Control 2 doors / 4 readers • Stores 10000 user database • Stores 100000 transactions • Supplied c/w power supply • Wall mount steel cabinet 	<ul style="list-style-type: none"> • Card reader / Registration unit • Frequency 868MHz • Battery powered (100000 transactions) • Batt volts & RF I/Face monitored • AES-128, 16-bit CRC encryption • Standard 125khz Tags/cards • Order AXNR-SEAL for outdoor weatherproofing accessory 	<ul style="list-style-type: none"> • Connects Biometric readers to Axxess protocols • RF to Ethernet / Weigand to RF • 26/44Bit Weigand In / Out • Negates cabling for TCP/IP and RS485 Biometric readers 	
	Wiegand Interface	Network Interface	RFID Tags/Cards		
Code	AXBW-01	AXWI-01	AXCD-01	AXTG-01	
Description	<ul style="list-style-type: none"> • Wiegand to RF interface • Converts 3rd party Weigand inputs to Axxess RF protocols 	<ul style="list-style-type: none"> • Converts Axxess RF protocol to Weigand protocols 	<ul style="list-style-type: none"> • RF to TCP/IP INTERFACE • Repeater for long distances between DC's and SI • TCP/IP addressing allows remote sites to be run from 1 Database without the need for another PC 	<ul style="list-style-type: none"> • RFID Card 125kHz • Box QTY: 100pcs 	<ul style="list-style-type: none"> • RFID Tag 125kHz • Box QTY: 100pcs





ACCESS CONTROL

Standalone Biometric Fingerprint Device

Power Supplies to be ordered separately				
Code	ZK-X8-BT	ZK-SF100	ZK-SF200	ZK-SF300
Fingerprint Temp.	500	1500	1500	1500
Transaction Log	-	80 000	80 000	80 000
RFID Cards	500	5000	5000	5000
Communication	Bluetooth	RS485 / TCP/IP / USB-host	RS485 / TCP/IP	RS485 / TCP/IP / USB-host
Wiegand Ports	-	Input & Output	Input & Output	Input & Output
Aux. Input	-	Yes	Yes	Yes
Interfaces	3rd Party Locks, door sensor, exit button, door alarm, doorbell	3rd Party locks, door sensor, exit button	3rd Party locks, door sensor, exit button	3rd Party locks, door sensor, exit button
Power Supply	12V DC 3A	12V DC 3A	12V DC 3A	12V DC 3A
Dimensions	90 x 90 x 38.9mm	90 x 90 x 34.5mm	90 x 188 x 38mm	105 x 105 x 34mm
SDK & Software	ZKBioBT App	Standalone SDK, ZKAccess 3.5	Standalone SDK, ZKAccess 3.5	Standalone SDK, ZKAccess 3.5
Functions	Basic Access Control	50 time zones, 5 groups, 10 combinations	50 time zones, 5 groups, 10 combinations	50 time zones, 5 groups, 10 combinations







Standalone Biometric Readers

Enrollment Device

Power Supplies to be ordered separately				
Code	ZK-F16	ZK-MA300-BT	ZK-MULTIBIO800-H	ZK-ZK4500
Face Templates	-	-	1500(1:N), 4000(1:1)	Resolution: 500DPI / 256 Gray
Fingerprint Temp.	3000	1500	4000	Interface: USB1.1/2.0
Transaction Log	100 000	100 000	100 000	Support O/S: Windows 2000 / XP / 2003 / Vista / 7(32/64bit) and Linux OS
RFID Cards	30 000	10 000	10 000	Dimensions: 53 x 80 x 66mm
Communication	RS485 / TCP/IP	Bluetooth / RS485 / TCP/IP / USB-Host	RS485 / TCP/IP / USB-Host	Software: ZKAccess 3.5
Wiegand Ports	Input & Output	Input & Output	Input & Output	
Interfaces	3rd Party Locks, door sensor, exit button	3rd Party Locks, door sensor, exit button	3rd Party Locks, door sensor, exit button + Aux Input	
Power Supply	12V DC 3A	12V DC 3A	12V DC 3A	
Dimensions	63 x 185 x 42mm	73 x 148 x 35mm	188 x 88 x 63mm	
SDK & Software	Pull SDK, ZKAccess 3.5	Standalone SDK, ZKAccess 3.5	Standalone SDK, ZKAccess 3.5	
Functions	50 time zones, 5 groups, 10 combinations	50 time zones, 5 groups, 10 combinations	-	

Wiegand Door Controllers

Wiegand RFID Slave Readers

Power Supplies to be ordered separately							
Code	ZK-C3-100	ZK-C3-200	ZK-C3-400	Code	ZK-KR600E	ZK-KR601E	ZK-KR602E
No. of Doors	1 Door	2 Doors	4 Doors (1 Direction)	Read Range	Up to 10cm		
Readers Supp.	26bit Wiegand	26bit Wiegand	26bit Wiegand	Output Format	26bit Wiegand		
Inputs	2 (Exit Device, Door Status)	6 (2 Exit Device, 2 Door Status, 2 Aux)	12 (4 Exit Device, 4 Door Status, 4 Aux)	Buzzer	Yes		
Outputs	2 (1xLock, 1xAux OP)	4 (2xLock, 2xAux OP)	8 (4xLock, 4xAux OP)	Power/Current	6-14V / Max 70mA		
Card Capacity	30 000	30 000	30 000	LED	Red and Green		
Transaction Log	100 000	100 000	100 000	Input Ports	External LED Control & External Buzzer Control		
Communication	TCP/IP & RS-485	TCP/IP & RS-485	TCP/IP & RS-485	Size (mm)	116 x 16 x 75	86 x 16 x 86	86 x 20 x 86
Power Supply	12V DC 3A	12V DC 3A	12V DC 3A	Spare Cards	ZK-ID-CARD		
Software	ZKAccess 3.5	ZKAccess 3.5	ZKAccess 3.5	Spare Tags	ZK-ID-TAG		

NEW

ACCESS CONTROL

	RS485/IP Biometric Access Control Panels			RS485 Slave Fingerprint Readers	
	Single Door Control	2 Door Control	4 Door Control	IP65	
ZKTECO Power Supplies to be ordered separately					
Code	ZK-INBIO160	ZK-INBIO260	ZK-INBIO460	ZK-F12	ZK-FR1500-WP
No. of Doors	1 Door	2 Doors	4 Doors	Communication: RS485	Communication: RS485
No. of Readers	2 x RS-485, 2 x 26bit Wiegand	4 x RS-485, 4 x 26bit Wiegand	8 x RS-485, 4 x 26bit Wiegand	Function: Fingerprint & RFID Card Reader	Function: Flush Mounting RFID Card Reader
Inputs	3 (Exit Device, Door Status, 1 Aux)	6 (2 Exit Device, 2 Door Status, 2 Aux)	12 (4 Exit Device, 4 Door Status, 4 Aux)	Power Supply: 12V DC 3A	Power Supply: 12V DC 3A
Outputs	2 (1 x Lock, 1 x Aux OP)	4 (2 x Lock, 2 x Aux OP)	8 (4 x Lock, 4 x Aux OP)	Size: 102 x 50 x 37mm	Size: 77.3 x 121.3mm
Card Capacity	30 000	30 000	30 000	Compatibility: INBIO Controllers, F16	Compatibility: INBIO Controllers or Standalone Fingerprint Devices
Fingerprint Cap.	3000	3000	3000		
Transaction Log	100 000	100 000	100 000		
Communication	TCP/IP & RS-485	TCP/IP & RS-485	TCP/IP & RS-485		
Power Supply	12V DC 3A	12V DC 3A	12V DC 3A		
Software	ZKAccess 3.5	ZKAccess 3.5	ZKAccess 3.5		

	Walk Through Metal Detector			Turnstiles - TS1000 & TS2000 Series		
ZKTECO						
Code	ZK-D1065S	ZK-D3180S	ZK-D4330	Code	ZK-TS1000	ZK-TS2000
Power Supply	85-264VAC	85-264VAC	100-240VAC	Power Supply	AC 220V/110V, 50/60Hz	
Working freq.	4KHZ-8KHZ	4KHZ-8KHZ	4KHZ-8KHZ	Working Environ.	Indoor/Outdoor (Sheltered)	
Sound Alarm	Yes	Yes	Yes	Rated Power	60W	
Detection Zones	6 Zone	18 Zone	33 Zone Standard	Flow Rate	25 - 48 Passage / Minute	
Sensitivity Control	✓	✓	✓	Housing Material	SUS304	
Sound/LED Alarm	✓	✓	✓	Pictogram Indication	Yes	
Auto Count	✓	✓	✓	Control System	Input controlled by dry contact	
Password Protect	✓	✓	✓	Size (mm)	980x520x280 + 500(Arm)	980x1100x260 + 500(Arm)

KEYPADS & READERS

	Standalone Biometric Readers		
Code	EA20	EAC300	EC300
Fingerprint	2000	5000	5000
User Capacity	200	500	500
Memory	50000 Records	100000 Records	100000 Records
Communication	RS485/ TCP/ IP & USB pen drive	TCP/ IP & USB Communication	TCP/ IP & USB Communication
Software	Stand alone with software	Stand alone with software	Stand alone with software
Screen Size	2.5" TFT Screen	3.5" TFT Touch Screen	3.5" TFT Touch Screen

SEC

NEW

ELECTRONIC DOOR LOCKS

	Electronic Deadbolt	Electronic Door Locks / Handles	
Code	NL-S100MF	NL-S200MF	NL-DL30B-MF
Description	<ul style="list-style-type: none"> • Operation: Touch screen password, card, password + card, or mechanical key • Card Type: Mifare One Card • Read Distance: 3 - 5cm • Password Length: 4 - 8 Digits • User Capacity: 130 • Supply: 4 x AA Batteries (not incl.) • Working Current : \leq 200mA • Door Thickness: 35 - 55mm • Backset: 60 or 70mm (adjustable) 	<ul style="list-style-type: none"> • Operation: Password, card, password + card, or mechanical key • Card Type: Mifare One Card • Read Distance: 3 - 5cm • Password Length: 6 Digits • User Capacity: 200 • Supply: 4 x AA Batteries (not incl.) • Working Current: \leq 200mA • Door Thickness: 35 - 55mm • Backset: 60 or 70mm (adjustable) 	<ul style="list-style-type: none"> • Operation: Password, Card, Key, Smartphone App • Smartphone App: ZKBioBT - Door Opening / Closing - User Management - Timeslot Management - History • Password Capacity: 100 • Card Capacity: 100 Card Module ID • Supply: 4 AA Alkaline Batteries (not incl.) • Batteries not included • Door Thickness: 39-46mm
	Biometric Door Locks		Spare MiFare Access Cards
Code	NL-FR-L7000U	NL-FR-ML10	NL-MF-02B
Description	<ul style="list-style-type: none"> • Operation: Fingerprint, Password, Mechanical Key • Fingerprint Capacity: 500 • Password Capacity: 100 • Log Capacity: 30000 Events • Communication: USB flash disk • Door Thickness: 35-55mm • Backset: 60 or 70mm (adjustable) • Supply: 4 x AA Batteries (not incl.) 	<ul style="list-style-type: none"> • Operation: Fingerprint, Mechanical Key • User Capacity: Admin - 10, normal user - 60, temporary user - 20 • Door Thickness: 39-46mm • Backset: 60 or 70mm (adjustable) • Supply: 4 x AA Batteries (not incl.) 	<ul style="list-style-type: none"> • Material: PVC • Frequency: 13.56MHz • Size: 86 x 54 x 0.76mm • Box Qty: 200pcs

ELECTRICAL DOOR LOCKS

	Electrical Door Locks		Electric Deadbolts	
Code	EL-971B	EL-271-NO	EB-281	MB-280
Features	<ul style="list-style-type: none"> • Fail-secure • 12VDC 450mA rated current • Size(mm): 150(L) x 25(W) x 33(H) • Normally de-energised 	<ul style="list-style-type: none"> • Fail-secure • 12VDC 450mA rated current • Size(mm): 160(L) x 25(W) x 31(H) 	<ul style="list-style-type: none"> • Fail-safe (Doors open automatically once the power fails, locked when energised) • 12VDC operation • 900mA at start, 150mA at standby • 16mmϕ • Stainless Steel Bolt 	<ul style="list-style-type: none"> • Mounting bracket for upper glass and glass door • Stainless Steel • Size(mm): 205(L) x 58(W) x 46(H) • Glass thickness: 8-15mm
	Dual Output Multi-Purpose Power Supply Code AD-1312 <ul style="list-style-type: none"> • Operating voltage: 220-240VAC, 50Hz 13.7VDC/300mA regulated source • 12VDC/3A unregulated power source (3A for Fail-secure/ 1.5A for Fail-safe) • Constant voltage charger for back-up (Battery not included (12V/ 1.2Ah)) • 0.5-20secs controllable timer for output relay • Built-in facility for egress buttons • Dimensions: 204(H) x 108(W) x 67(D) mm • The power pack can work independently or with other access control device to form a complete door access system 		Power Supply Code 15VAP-12VDC-T <ul style="list-style-type: none"> • Input: 230VAC • Output: 12VDC • 15VA unregulated • Plugs into 15A socket outlet 	

SECURITY

ELECTRICAL & MAGNETIC DOOR LOCKS & DOOR RELEASES

Electro Magnetic Locks

- Housing: Aluminium
- Dual Voltage: 12 or 24VDC selectable by jumper



Code	E-941DA-1200	E-941SA-1200	E-941SA-600
Power Dual Volts	12VDC/24VDC	12VDC/24VDC	12VDC/24VDC
Magnet Size	536 x 42 x 67mm	268 x 42 x 67mm	250 x 27 x 42mm
Armature Size	185 x 16 x 61mm	185 x 16 x 61mm	185 x 12 x 38mm
Holding Force	545kg	545kg	272kg
Supply ±10% (per door)	500mA@12VDC 200mA@24VDC	500mA@12VDC 250mA@24VDC	500mA@12VDC 250mA@24VDC
Temperature	-10°C to +55°C	-10°C to 55°C	-10°C to 55°C
Weight	10kg	5.0kg	2.0kg

Power Adaptor for 12 VDC: **Code: 15VAP-12VDC-T**

How they work:

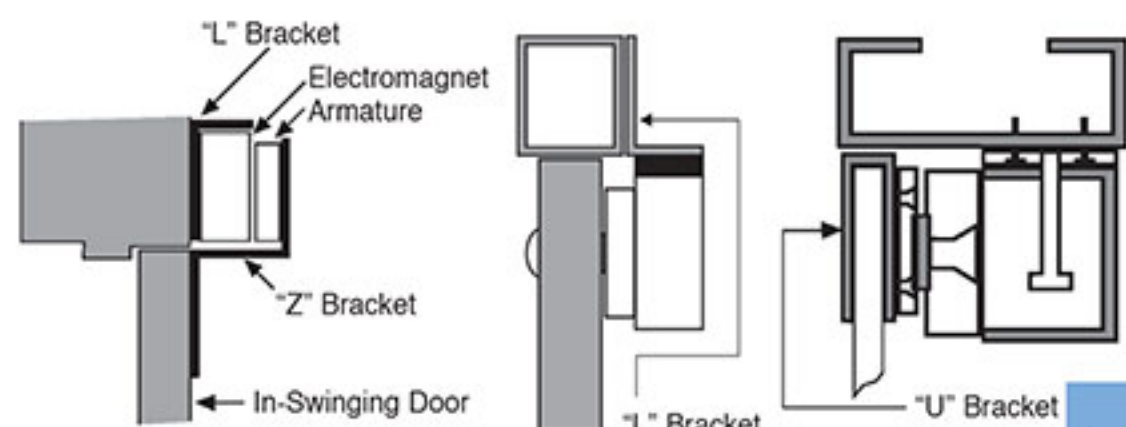
When power is applied to the magnetic lock, it turns on the unit's powerful built-in electromagnet. This electromagnet is attracted to the steel armature plate which is mounted on a door, holding the door fast against unauthorized entry. When power to the magnetic lock is turned off, the electromagnet releases the armature plate allowing the door to open.

Surface-Type Door Closer



Code SD-C141S

- Reversible non-handed design
- Metal or wood doors up to 42" wide
- Two separate valve adjustments for easy setting of sweep and latch speed
- Back plate slides into place to cover adjustments
- Narrow projection of 1³/₈"
- Anodized aluminium body
- Silver finish
- Forged steel arms



	Z-Bracket	L-Bracket	U-Bracket
			 For Glass Door (9-13mm)
Code	E-941S-1200/Z E-941S-600/Z	E-941S-1200/L E-941S-600/L	E-941S-1200/U E-941S-600/U

Magnetic Door Release IP42

	Wall Mounted (Metal Enclosures)		Wall Mounted (Plastic Enclosure)	Floor (Metal)	Universal (Metal)
Code 24VDC	FSMD-024-40	-	FSMD-024-50P	FSMD-024-50	FSMD-024-100
Code 230VAC	-	FSMD-240-40	-	-	-
Mounting	Wall	Wall	Wall	Floor	Both (300mm arm)
Nominal Current	75mA	9mA/2W	7mA/1.6W	75mA	100mA
Circuit Configuration	Solenoid	Solenoid	Solenoid	Solenoid	Solenoid
Holding Force	40Kgf/390N	40Kgf/390N	50Kgf/490N	50Kgf/490N	100Kgf/980N
Housing	Metal base and cover		Plastic base and cover	Aluminium	Aluminium & Steel
Manual Release	Yes				
Temperature	-10°C to +40°C				
Weight	0.84Kg	0.93Kg	0.50Kg	0.90Kg	1.8Kg
Accessories	Bracket for floor mounting FSMD-B				
Power Supply	15VAP-24VDC-T	-	-	15VAP-24VDC-T	

ELECTRIC FENCING

Energiser Wizards



Code	Description
E-WIZ2	2 Joule Energiser 7400V, B/B
E-WIZ4	4 Joule Energiser 8000V, B/B

Druid



Code	Description
DRUID13-LCD	3 Joule Energiser LCD Screen 9000V, B/B, 3km
DRUID15-LCD	5 Joule Energiser LCD Screen 9000V, B/B, 5km
DRUID18-LCD	8 Joule Energiser LCD Screen 9600V, B/B, 10km

Solar Petstop - DIY Kit 24m

Code	AA-PET/ KIT
Description	1 x Petstop Energiser 1 x Solar panel 1 x Mounting Bracket 8 x Fibre Glass Poles 24 x Spring Clamps 200m x Poly Wire 1 x Warning Sign 1 x Galvanised Earth Spike Can also be installed on a wall top



Merlin



Code	Description
E-MER4	4 Joule Energiser - Including: Keypad, 800V, B/B
E-M18S/V1	8 Joule Single Zone Energiser 140V, 10km, 9300V, B/B
E-M28S/V2	8 Joule Dual Zone Energiser 120W, 2 x 5kW, 9300V, B/B

Keypads



Code	Description
EE-MKP	Merlin Standard Keypad
EE-M1Z2GK	Merlin 1 Zone - 2 Gate Keypad
EE-M2ZKP	Merlin 2 Zone - 2 Gate Keypad
EE-DR.LCD/KP	Druid Keypad - LCD Energisers

ELECTRIC FENCING ACCESSORIES



Flashing Beacon

Code	JBS-100R-230VAC
Description	Xenon Strobe Beacon
Features	80FPM, 15W, 800mA



Stay Clamp

Code	EA-RAT
Description	Stay Clamp Rubber
Size	10 x 12mm



Siren Speaker

Code	KPS-100T
Description	ABS Siren Speaker
Size	15W
Frequency	8Ω



Line Clamps

Code	Description
EA-LC6	6mm Line Clamp
EA-LC8/MG	8mm Line Clamp

In-Line Gate Contacts



Code	Description
EA-SGC/SS	Inline Sliding Gate Contact Single Pole
EA-SGC07	Inline Sliding Gate Contact 2 Pole
EA-SGC07ZB/HDG	Z-Bracket for EA-SGC07



Ferrules (100 per packet)

Code	Description
F06	6mm Tinned Copper
F10	10mm Tinned Copper
EA-F6AFT	6mm Aluminium



TL-FS Fence Scope

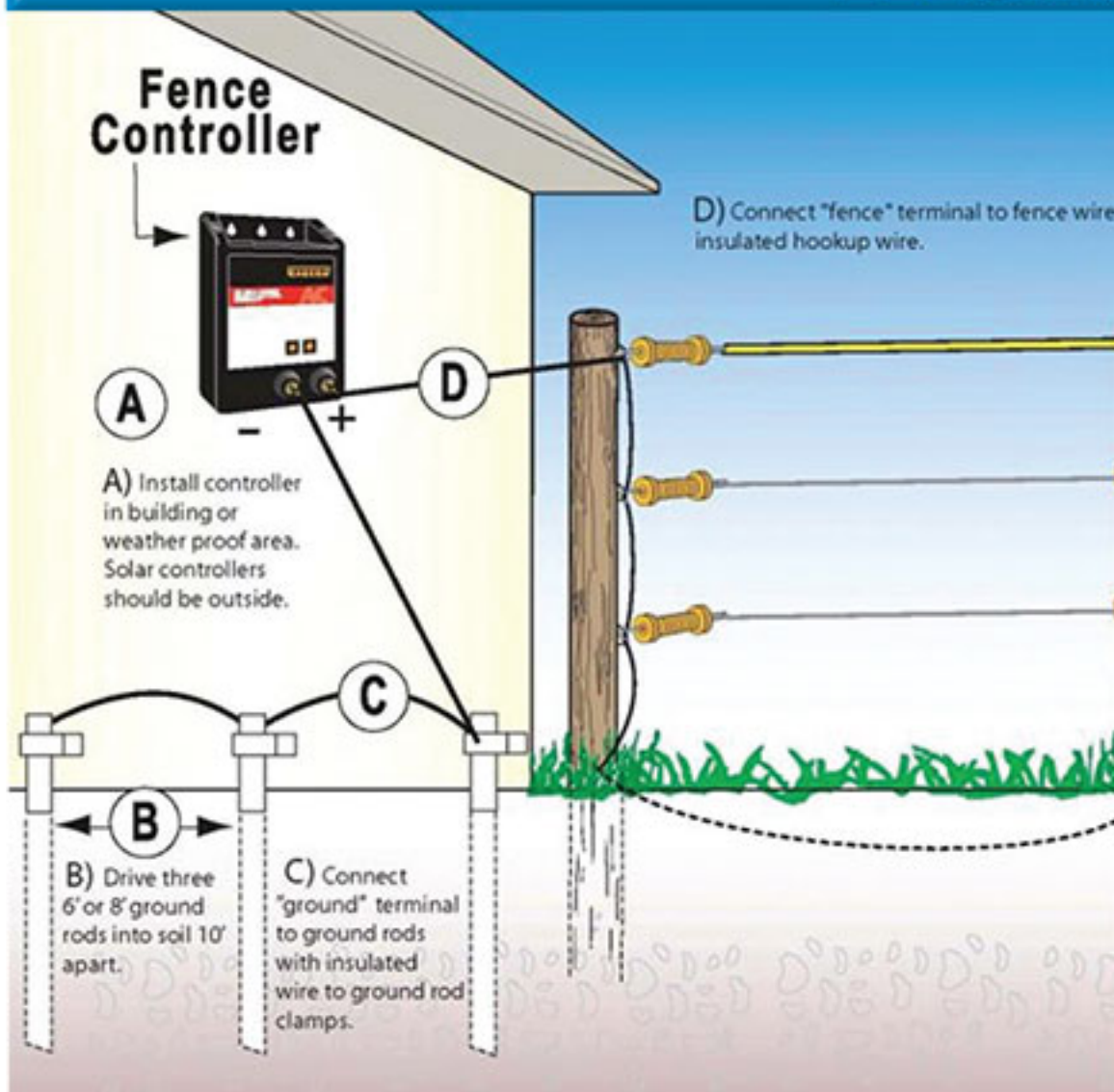
Code	Description
TL-FS	Directional DVM Fault Finder
TL-FSTP	Carry Pouch

ALUMINIUM BOX ENERGIZER ENCLOSURES

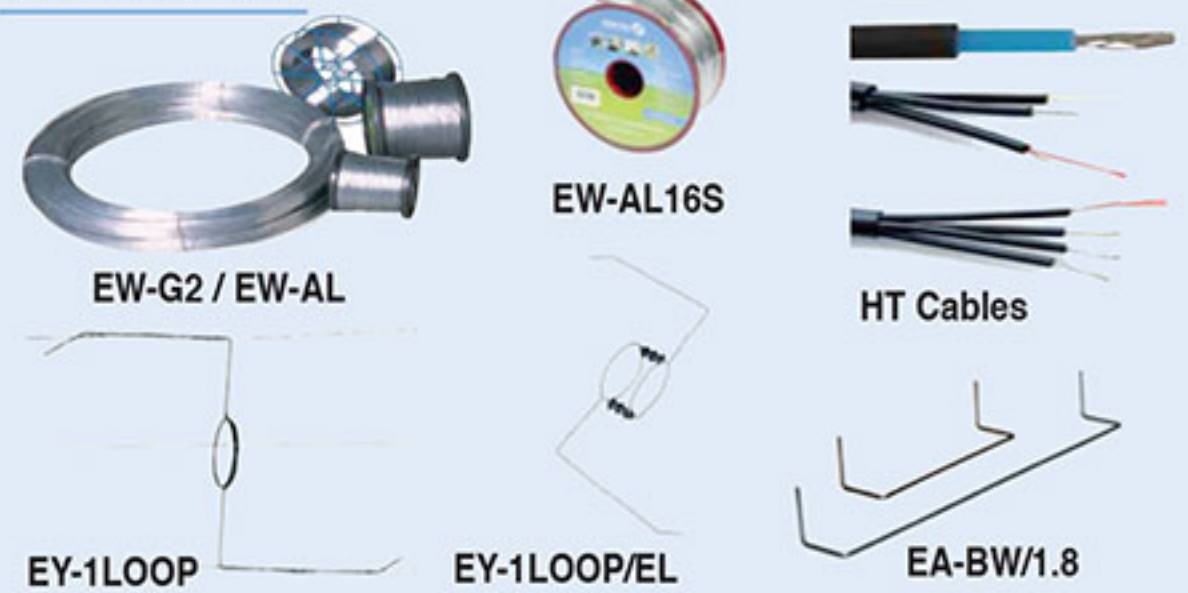


Code	ENC-ALU-M	ENC-ALU-L	Application Example
	<ul style="list-style-type: none"> Vented 610(h) x 450(w) x 260(d)mm Medium capacity to house an energizer, solar regulator and a deep cycle battery 	<ul style="list-style-type: none"> 610(h) x 800(w) x 300(d)mm Large capacity to house double energizers, solar regulator and deep cycle batteries Available in shock box version (ENC-SHBOX) 	

ELECTRIC FENCING



Wire & HT Cable



Code	Description
EW-TBB/5KG	Babybraid - Stranded Galv/wire 1.2mm A Grade 5kg Roll
EW-G2.24	Galvanized wire 2.24mm/50kg - 1650m roll
EW-AL16	Aluminium wire 1.6mm - 1000m/4.88kg
EW-AL16S	Aluminium wire stranded 1.6mm - 1000m
EW-TSS304/8	Stranded stainless steel wire 1.2mm - 800m roll
EW-TSS304/16	Stranded stainless steel wire 1.2mm - 1600m roll
EH-3BS100	HT Cable - Black - 3core / 100m slimline
EH-4BS100	HT Cable - Black - 4core / 100m slimline
EH-AS100	HT Cable - Black - Aluminium 100m
EH-BS030S	HT Cable - Black - slimline 30m
EH-BS100S	HT Cable - Black - slimline 100m
EA-BW/1.8x100HD	Bridging wire 100mm HDG
EA-BW/1.8x200HD	Bridging wire 200mm HDG
EY-1LOOP	Free standing inline loop
EY-1LOOP/EL	Free standing earth loop

Insulators & Tensioners

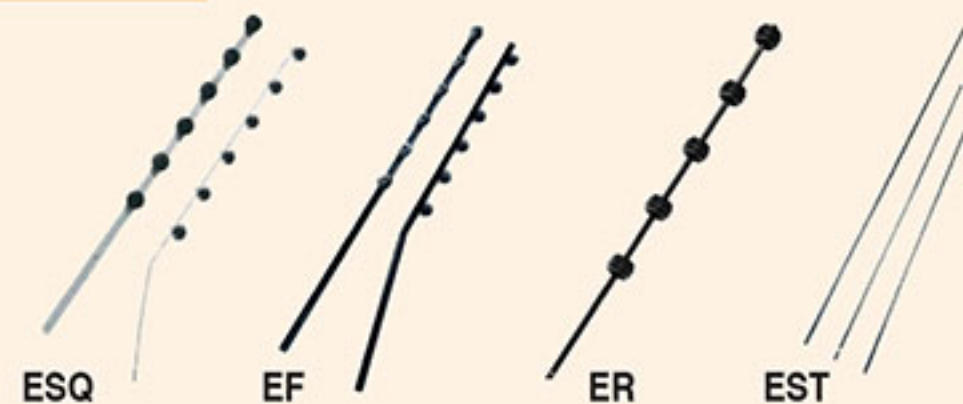


Code	Description
EI-NOB	Nail on insulator - Black
EI-BFBB	Bobbin - Flat bar - Black
EI-YB	Insulator - Y Standard - Black
EI-OB	Insulator - Omega with clip -Black
EI-STB/R	Strain ultra insulator - Black
ES-CNT	Comp spring-S/s silver nylon. Std Black
ES-CNTHB	Comp spring hybrid. S/s silver. Standard
ES-DT/MN	Black mini nylon tensioner Black
ES-H/LT	Spring hook S/S - large tail
ES-CTNTBB	Combo tensioner hybrid - Black B/b
ES-HK/EP	Free standing - S hook
ES-CTS	Combo tensioner standard
EA-EAN/L	Earth spike copper 1.2M
EA-LDK2	Lightning Diverter kit dual zone

Accessories

Code	Description
SR-FL/HVL4	Fence light, High voltage, Dual stage
EA-WRS2/N	Electric Fence Warning Sign

Brackets & Stays



Code	Description
EF-6BA	Flatbar 6W Black Angled
EF-6BF	Flatbar 6W Black Straight
EF-6WA	Flatbar 6W White Angled
EF-6WF	Flatbar 6W White Straight
ESQ-6BF	SQ tube 20*20*1,1.6mm-6W Black Straight
ESQ-6BA	SQ tube 20*20*1,1.6mm-6W Black Angled
ESQ-8BA	SQ tube 20*20*1,1.6mm-8W Black Angled
ESQ-8BF	SQ tube 20*20*1,1.6mm-8W Black Straight
ESQ-6WA	SQ tube 20*20*1,1.6mm-6W White Straight
ESQ-6WF	SQ tube 20*20*1,1.6mm-6W White Angled
ESQ-8WA	SQ tube 20*20*1,1.6mm-8W White Straight
ESQ-8WF	SQ tube 20*20*1,1.6mm-8W White Angled
ER-6B	Round bar 6W Black
ER-6W	Round bar 6W White
ESTB	Stay 600mm Black
ESTBL	Stay 750mm Black
ESTW	Stay 600mm White
ESTWL	Stay 750mm White

NEW

GATE MOTORS

DTS Gate Motors

	Code	DTS-512LIT-KIT	DTS-512G-KIT
Voltage	230VAC at Gate	230VAC at Gate	230VAC at Gate
On Board PSU	Yes	Yes	Yes
Max Weight	500kg	500kg	600kg
Max Speed	18 meter per sec	18 meter per sec	22 meter per sec
End Limits	Spring	Spring	Magnetic
Battery Back-up	Onboard	Onboard	Onboard
Usage	Domestic	Domestic	Complex entry/exit
Gate Direction	Selectable	Selectable	Selectable
Supplied Remote	2 x 60TX4	2 x 60TX4	2 x 60TX4
Nylon Rack	Not Supplied as part of kit -- Order separately See below DTS8489 x 2		

DTS Gate Motor Spares

Nylon Rack	DTS-8489	DTS-8489	DTS-8489
Cover	DTS-COVER-B	DTS-COVER-G	DTS-COVER-BU
Main PCB	DTS-PCBLIT	DTS-PCB512	DTS-PCB512-150
PCB Charger (PSU)	DTS-CHA1215	—	—
Battery	SY1270 (See Page 91)	SY1270 (See Page 91)	SY1270 (See Page 91)
Motor Brushes	DTS-BRUSH	DTS-BRUSH	DTS-BRUSH-150
Power Pack	—	—	ETDCSPS
Transformer	TRAECO	ETDC5TFOB	—
Magnetic Actuator Set	DTS-MHS	DTS-MHS	DTS-MHS

ACCESSORIES

Loop Detector



Code **LOOPDE**

- 4 Selectable exit times
- 4 Selectable sensitivity ranges
- Status indicating LED
- Condition monitor (open/short)
- Hi/Lo Frequency selection

Requires 20m silicon cable (not supplied) formed into 4 loops (for cable see Pg 261)

Mechanical Fittings



GOOSENECK-STAND



DTS-512/624-BRACKET

Code Hopping Receivers



DTSRX



DTSOCTO

Code	Description
DTSOCTO	5 Button key ring remote 434 MHz
DTSRX1	1 Channel receiver 434MHz
DTSRX3	3 Channel receiver 434MHz
DTSRXCONDO	1000 User receiver 434MHz

- Selectable Pulse or Latch mode
- Visual indication of full memory
- High sensitivity
- User Friendly
- Range

GATE MOTOR ACCESSORIES

Complex Gate Receiver	Repeater c/w Power Supply		Transmitters	
	PSU 230VAC / 12VDC 3.2A 			
COMPLEX-RXV3	RPT800P	MB3000P	WISIMO	14CHR-V2
Code hopping receiver 400 remotes, 2000 events	Code hopping encryption & compatibility, 400 memory locations, Range ± 800m	Complete mimic base unit	GSM Communicator for Mimic base	14 Channel Receiver Decoder

Remotes (Transmitters)



TX1

TX2

TX4 / DTX4

TX6

Code	Description
TX1	1 Button key ring Code Hopping Transmitter
TX2	2 Button key ring Code Hopping Transmitter
TX4	4 Button key ring Code Hopping Transmitter
TX6	6 Button key ring Code Hopping Transmitter
DTX4-403	4 Button duplicator remote. 403Mhz
DTX4-433	4 Button duplicator remote. 433Mhz

1, 2 & 3 Channel Receivers / Transmitters



RX

S4

Code	Description
S4	4 Channel stand alone Code Hopping Transmitter - 2KM line of site
RX1-150	1 Channel Code Hopping Receiver 150M
RX2-150	2 Channel Code Hopping Receiver 150M
RX1-500	1 Channel Code Hopping Receiver 150M
RX4-500	4 Channel Code Hopping Receiver 150M

WIRED & WIRELESS RF TRANSMITTERS & RECEIVERS

Wired Transmitter

Code	SK-939TDWS-B
------	--------------

- Powered by internal/external battery
- Operates up to 170M
- Over 68 billion possible codes
- LED transmission indicator
- Includes 12VDC alkaline battery
- Wiring: 2 wires (200mm) for N.O. switch input, 2 wires (200mm) for 12VDC power input
- Frequency: 433.92MHz



Receiver



Code	Description
SK910R-4	1 Channel
SK910R2-4	2 Channel
SK910R4	4 Channel

Dipole Antenna for Extended Range



Code	SK-93ERSD
Frequency: 433.92MHz	
Plugs into Board Connector on Receiver	
Extended range up to 200m for SK910R/R2/R4	

1 & 2 Channel Transmitters

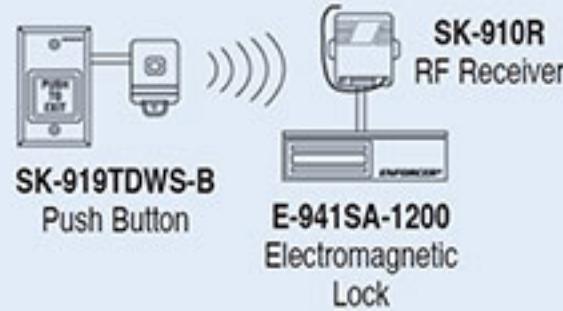
Code	Description
SK-939TS1S	1 Channel
SK-939TS2S	2 Channel

- Operates up to 170M
- Over 68 billion possible codes
- LED Transmission Indicator
- Includes 12VDC Alkaline Battery



Typical Applications

Make Push-Button Wireless



Convert Sensors into an Entry Alarm System



Wireless equipment/perimeter security

2 & 4 Channel Transmitters

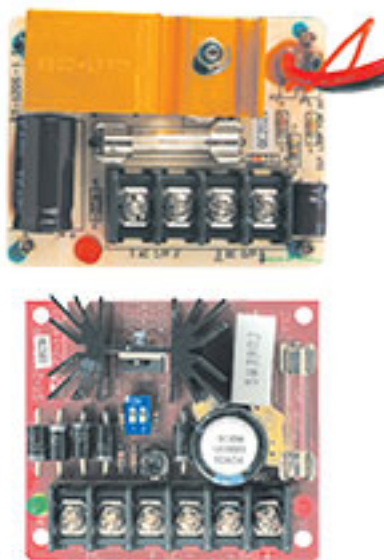
Code	Description
SK-919TP2H-N	2-Button Transmitter fixed code
SK-919TP4H-N	4-Button Transmitter fixed code
CR2016/5	Spare battery (CR2016)



Features

- Operates up to 160m (500ft)
- Over 68 billion codes possible
- Includes visor and belt clip
- Includes 2 x 3VDC lithium batteries
- Frequency 433.92MHz

POWER SUPPLY/CHARGER



- Regulated and filtered output voltage
- Short circuit protection
- Built-in backup battery charger
- Switches to backup battery automatically in the event of power loss
- Fused protection for battery charger
- Input AC Voltage required for 6VDC (12VAC), 12VDC (16VAC), 24VDC (24-28VAC)
- Transformer selection $P = V \times I$ (for 2A @ 16VAC = 2x16 = 32VA) use 40VA standard VA
- Transformer excluded (see page 77)

Code	DC Voltage	Current (continuous)	Current (peak)
ST-2406-2A	6, 12, 24	1.5A	2.0A
ST-2406-3A	6, 12, 24	2.5A	3.0A
ST-2406-5A	6, 12, 24	4.0A	5.0A
ST-2406-7A	6, 12, 24	7.0A	7.5A

MULTI-FUNCTION TIMER MODULE



- Timer can be set from 1 second to 60 minutes
- Positive or negative trigger on power-up
- Relay can be programmed to activate at the start or at the end of the timing cycle
- Relay can also be set to activate for one second at the end of the timing cycle
- Programmable for pulse (flash) or steady on
- Reset function for manual reset of timing cycle
- LED indicates relay is energised

Code	SA-025
Relay Contact Ratings	8A @ 120VAC/24VDC
Supply Voltage	12/24VDC (auto sensing)

ACCESS CONTROL POWER SUPPLIES



Supplied without Batteries. Batteries ordered separately.

DC Model

Code	No. of Outputs 12VDC	Description
EAP-5D5Q	5	5A@12VDC and 4.5A@24VDC

Features

- Supply Volts: 90~240VAC
- Field-selectable 12VDC or 24VDC outputs
- Each output operates both in fail-safe and fail-secure modes
- 5 x Individually fused power outlets
- Built-in back up battery charger

- Automatically switches to back-up battery if AC power fails
- Adjustable voltage range to compensate for voltage drop
- AC power failure supervision relay
- Auxillary relay output

NEW

SMART WIFI GATE REMOTE CONTROL

MyGateRemote Controller

Code	MG-REMOTE
Supply Voltage	12-24VDC
Outputs	2 x Relay Outputs C/O
Relay Rating	30VDC/250VAC 10A
Size (LxHxD)	110 x 27 x 43mm
Wifi Range	80m (Line of Sight)

Smartphone control for your gates/doors/locks/lights with a wifi device. Control the connected device via the free to download iOS or Android app. Uses very little data so costs are extremely low. Multiple users can share access. 2 Outputs allow for full opening or pedestrian opening.

- Can be controlled from anywhere with web access
- Free app for Android and iPhone
- Share Control with Multiple Users
- Easy to use and very secure
- No more security risks caused by lost or copied remotes
- Create entry tokens for friends & family
- Control staff access and check entry/exit times
- Full audit of entry/exit available



App: MyGate
Mobile phone not included



KEYPAD REMOTE

Wireless Access Control Keypad

Code	MEKPD-01
------	----------

A durable, quality keypad designed to provide security access to a restricted area. Access is gained by entering a valid code. Up to a thousand codes can be stored in the unit's non-volatile memory. "Token" codes can be added allowing the user only preset number of activation, after which the code is deleted. User can be learned into a receiver compatible to the remote setting selected.

Features

- 1000 unique codes
- Backup memory module
- Integrated movement sensor
- 15 Channels
- Selectively add and delete user codes
- Easy installation due to no wires required
- Fixed and variable code length modes available
- Panic, duress, wrong code alarm functions

Specifications

- Supply Voltage: 3V – 2 x AA (not incl.)
- Housing Material: ABS
- Output Pulse Range: 1-255sec adjustable or latched
- Token Codes: 1-254 Activations
- Frequencies: 433MHz and 403MHz
- Distance 433MHz and 403MHz: ~40m
- Compatibility: Sentry, Centurion, ET (old), Sherlotronics, QD



GSM INTERCOM



The GSM Intercom module connects up to a standard existing intercom entrance/gate unit. This enables the intercom to dial to the tenants cellphone or landline. Managed over the internet via free - <https://cellswitch.accentronix.co.za>

Code	Users
GSMIN-100	Up to 10 000

Features

- Uses any contract/pre-paid simcard
- Dials to tenant's cellphone or landline
- Open up to 2 gates with your cellphone
- Secure online programming
- SMS fault reporting
- 2 Digital inputs to monitor power & gate status
- You are always 'home'
- Access control reports by email

Accessories

Code	GSM-RAIN SHIELD	GSM-PSU	GSM-PSU-BUP
Description	Stainless Steel Shield Intercom cover	12VDC 1A DIN Mount	13.5V PSU + 1.4Ah DIN Mount Surge Protected

WIRED DOOR CHIMES

*Please note all 8V chimes exclude transformers, please see page 802
 DNU & GNU items exclude 3 x R6 1.5V batteries

zamel get

230V Type with built-in transformer



Code 230V	GNS-921	-	DNS-972-N	-	GNS-976-N	GNS-943	DNU-912-N	-
Code 8V	*GNT-931	*GNT-224	-	*DNT-911-N	-	-	-	GNU-913-N
Description	Bim-Bam Chime	2-Tone chime vivo	Tres Chime	2 Tone Chimes	Duo Chime	Duo Chime	16 Melodies	3 Tone Chime
Size (mm)	136 x 106 x 42	205 x 126 x 42	160 x 110 x 42	160 x 110 x 35	160 x 98 x 35	130 x 106 x 42	140 x 100 x 47	140 x 100 x 47
Tone	Bim-Bam	Bim-Bam/ Long Ring	3 Tones	2 Tones	Di-Do	Two-Tone	16 Choices	3 Tones
Sound Level	85dB	85dB	90dB	84dB	81dB	72 - 82dB	84dB	83dB

230V Type with built-in transformer



Code 8VAC	*GNU-209							
Code 230V	-	GNW-223	DNW-208	GRS-941	DNS-206	DNS-001		
Description	Westminster Chime	2 Tone Chime Turbo	Largo Chime	Pipe Chime	Traditional Bell	Bowl Bell		
Size (mm)	140 x 100 x 45	205 x 126 x 42	200 x 145 x 55	917 x 230 x 55	140 x 105 x 60	118 x 66 x 37		
Tone	8 Tones	Bim-Bam/Long Ring	Bam-Bam/ Long Ring	2 Tone	Electronic Bells	Electronic Bells		
Sound Level	76dB	85dB	85dB	82dB	90dB	82dB		

B&S
SUNNYBELL



Code	ST-3234T	ST-3239T	ST-3248T	*ST-3239B	*ST-3242B	ST-3248D
Size (mm)	170 x 105 x 49			170 x 105 x 49		170 x 105 x 49
Power	230VAC Direct Connected with 230/8VAC 1A Transformer built-in			Battery 4 x Size 'C' or 8VAC supply. External Transformer required		230VAC Direct supply No Transformer req.

T1



Bell Transformers • Double wound, **IP20** • DIN mounting

Code	Input volts	Output volts	VA
T-87	230V	8V	8VA
DT10212	230V	0-12V 0-12V (0-24V)	10VA
DT10612	230V	0-6 V 0-6V	10VA
DT15212	230V	0-12V 0-12V (0-24V)	15VA
DT15612	230V	0-6V 0-6V	15VA
T-208	230V	0-12V 0-12V (0-24V)	24VA

BELLS / CHIMES PUSH BUTTONS



Code 230V	PDJ-213	PDP-970	PDM-231	PDB-234	PDM-232	PB-03	PB-04	PB-06	PB-09
Size (mm)	80 x 21 x 33	46 x 60 x 14	70 x 30	100 x 25	87 x 30 x 30	85 x 20	54 x 25	74 x 32	70 x 32

SEC

WIRELESS DIGITAL DOOR CHIMES

 EU12302.1	 ST-59	 ST-60	 ST-66	 DRS-982	 ST-1005					
Code	ST-59		ST-60		ST-66		DRS-982		ST-1005	
Transmitter	In line of site		100 metres		150m		100m		100m	
Range:	Through walls		80 metres		100m		100m		80m	
Radio Frequency			433.92MHz		434MHz		434MHz		434MHz	
Sound Level			82dB		85dB		10-30dB, 60-85dB			
Call Ringing	1-Tone		Ding-Dong		2-Tones		Ding-Dong		36 Melodies	
Chime (Receiver)	Adaptor 230/12V 300mA (incl.). Spare Code:		3 x size 'C' batteries		2-Pin Euro plug		3 x AA size batteries		not included	
Power supply	EU12302.1 or 3 x size 'C' batteries (not incl.)		not included				not included			
Call button power supply	1 x 12V battery (included). Spare Code:		WIR-12B		-		1 x 12V 1NC (Spare AC531)			
Size (mm)	165 x 122 x 55		170 x 135 x 58		140 x 90 x 35		160 x 66 x 90		140 x 80 x 20	
Additional Transmitter (call button)	ST-11		ST-11		ST-12					

Wireless Door Chimes		Vibrating & Flashing Doorbell	
 ML-8300	 ML-7100	 SSG-MF	 SSG-MF
<ul style="list-style-type: none"> Wireless combination door chime Additional socket outlet on chime receiver offers multiple uses Spare bell push button IP65 Code: MLT-7100 Range 70m line of sight 	<ul style="list-style-type: none"> Just plug and use 2 pin Euro Plug Range 70m line of sight Flashing LED indicator for impaired hearing Spare bell push button IP65 Code: MLT-7100 	<p>Includes</p> <ul style="list-style-type: none"> 1 x Portable Vibrating Receiver 1 x Push Button Transmitter 1 x Plug-in Doorbell Chime c/w Batteries <p>Features</p> <ul style="list-style-type: none"> 52 Ring tones 4 Level vol. control 300m range in Open Air Receiver Supply 3V (2 x AAA) Transmitter Supply 12V (1 x 23A) Spare Batteries: 98111, AC531 	

WIRELESS DIGITAL DOORPHONE KITS

	Wireless Devices			Wired Devices						
	 RL-0510A	 RL-0510	 RL-0510B	 RL-0510C-03	 RL-0510B4					
Code	RL-0510A		RL-0510		RL-0510B		RL-0510C-03		RL-0510B4	
Description	1 x Wireless Door Phone 1 x Wireless Door Station		1 x Wireless Door Phone 1 x Wireless Door Station 1 x Power Supply		2 x Wireless Door Phones		3 x Wired Door Phones 1 x Wired Door Station 1 x Power Supply		4 x Wired Door Phones	
Features	<ul style="list-style-type: none"> 2.4GHz digital transmission Dual-way inter-communication Clear talking voice Maximum working distance is 200m AC Power Adaptor: 220-240V 50Hz AC 9V (incl.) 					<ul style="list-style-type: none"> Digital transmission for sound signal Adjustable volume of melodies Anti-interference Inter-communication between indoor & outdoor unit Adaptor included Wired 2-way 				
Code	RL-0510ACDC									
Description	Spare power supply system for intercom									

NEW

WIRED INTERCOM DOORPHONE KITS

AC Power Adaptor:
220-240V
50Hz AC
9V

RL



Code	RL-3203C	RL-3208DD	RL-3203AAA
Description	1 x Door Station 1 x Indoor Phone	1 x Door Station 2 x Indoor Phones	1 x Door Station 3 x Indoor Phones
Code	RL-3200ACDC	Two-way intercommunication is available between only two indoor phones	
Description	Spare power supply	Works as doorphone or 3-way intercom system	

Features

- 2-Wire connections
- Inter-communication
- With unlocking function
- Working Distance: 100m
- DIY Assembly & High quality sharp clear voice
- Anti-oxidation, wearable aluminium outdoor unit

DIGITAL DOOR VIEWERS

A High-Tech "must have" gadget. Why just keep up with the Jones' when you can see if they have arrived (after you!)



Digital Peephole Door Viewer

Code	PHV-350
Description	<ul style="list-style-type: none"> • 7" colour TFT display • Peephole barrel: 12-30mm • Fits any door 35-65mm • Sensor: 300,000 pixels • The display will stay on for 8 seconds • Press monitor button and the display will turn on • Press call button, when the LED light turns on the door chime will ring at the indoor display

NEW

BASIC DOOR ENTRY KITS

legrand



Accessories






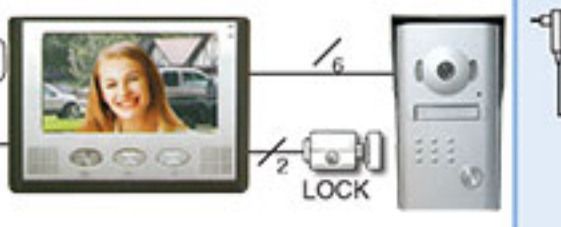




Code	LG369580	LG369596	LG369400	LG369505	LG369220-KIT
Consists of	1 x Video Monitor + 1 x Outside station	Outside station with colour camera	External Colour Camera	Spare Inside station	1 x Video Monitor + 1 x Outside station
No. of Wires	4 wire system				2 wire system
Display	Colour 7"				Colour 7"
Ringtones	12				3 x MP3 melodies
Functions	Call, Intercom, Door-Lock				Call, Intercom, Door-Lock
Expandable	1 x Outside station or 1 x Camera + up to 5 x Inside stations				2 x colour displays
Spare Monitor	LG369585				LG369225






* Inside: Expandable by Up to 5 x LG369505 or 5 x LG369585 or a mix of both up to a total of 5 * Outside: Expandable by 1 x LG369596 or 1 x LG369400

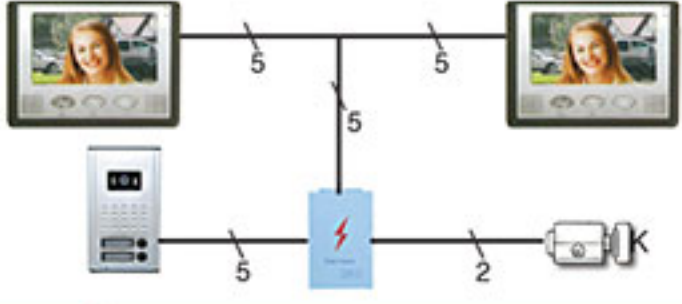
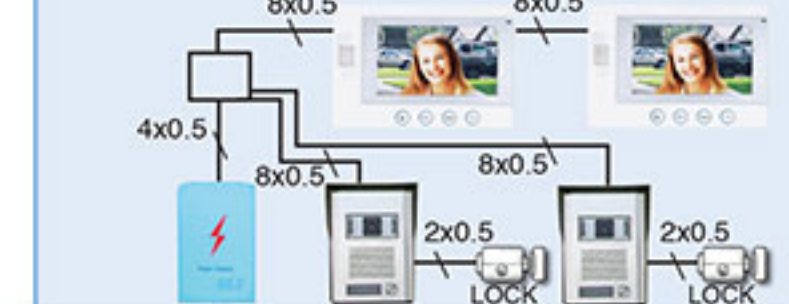
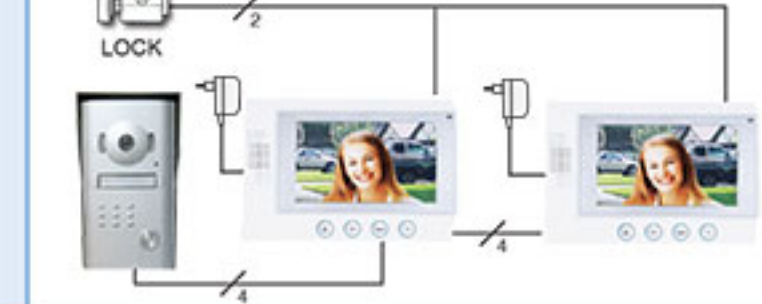

WIRED COLOUR DOORPHONE KITS WITH MONITORING CAMERA

				
Code	RL-037MP	RL-06C	RL-08M	RL-C7C
Description	<ul style="list-style-type: none"> • 1x 17" Video Monitor • 1 x Door Station • 2-Wire Connection • Press call button to take picture • Night Vision 	<ul style="list-style-type: none"> • 1 x 7" Video Monitor • 1 x Door Station 	<ul style="list-style-type: none"> • 1 x 8" Video Monitor • 1 x Monitoring Camera • 1 x Door Station 	<ul style="list-style-type: none"> • 1 x 7" Video Monitor • 1 x Monitoring Camera • Motion recording with SD Card to save memory • Clock and calendar function
Features	Electronic unlock mode, 8-Chord melody ring options, brightness, contrast & volume adjustment, 15m cable & power adaption, waterproof and damageproof cameras			
				
Code	RL-036C	RL-037M	RL-SD7F	RL-06MID
Description	<ul style="list-style-type: none"> • 3.5" Video Monitor • Plano Mirror Design • Durable Outdoor Unit • Water & Dustproof • Touchpad Control 	<ul style="list-style-type: none"> • IP44 Waterproof • 7" TFT Colour Screen • Night vision • Enclosed a switch power supply and 15m cable for DIY installation • 1 x Power supply (230V) 	<ul style="list-style-type: none"> • Works as video doorphone, invisible recorder, digital clock & perpetual calendar • Auto-recording onto SD card for outside moving objects only • Brightness, chroma and volume adjustable • 8-Chord melody ring options • Night vision 	<ul style="list-style-type: none"> • 17mm ultra-thin indoor unit • ID unlocking and electric controlled unlocking • 7" TFT Colour Screen • Up to 100 user cards can be added to this system • 1 x Power Supply (230V) • 5 x user, 1 x delete & add card • Spare Card: RL06-CARD

STAND ALONE WIRED VIDEO DOORPHONE KITS

		Spare Power Supplies	
Code	RL-3TV06A	RL-3TVP2-1	Code RL-A1
Description	<ul style="list-style-type: none"> • 3 x 7" Video Monitors • 1 x Door Station • Power Supply (230V) 	<ul style="list-style-type: none"> • 2 x 7" Video Monitors • 1 x Door Station & Indoor Phone • Power Supply (230V) 	<ul style="list-style-type: none"> • Input Voltage: - 110 - 240VAC • Output Voltage: - 13VDC • Output Current: - 1200MA
Features	<ul style="list-style-type: none"> • Hands-Free Communication • 8-Chord Melody Rings • Brightness, Contrast & Volume Adjustable 	<ul style="list-style-type: none"> • 15m Cable & Power Adaptor • Night vision • Inter-communication between indoor units 	
			Code RL-A3
			<ul style="list-style-type: none"> • Input Voltage: AC 100-240V • Output Voltage: DC 12V • Output Current: 2000mA

2 Video phones for 2 Families

			
Code	RL-2A037	RL-2D06P2	RL-2TV06A
Description	<ul style="list-style-type: none"> • 2 x 7" Video Monitors & 1 Door Station • 1 x Power Supply (230V) • High definition CCD Camera • Electric-controlled unlocking • Waterproof 	<ul style="list-style-type: none"> • 2 x 7" Video Monitor & 2 x Door Stations • 1 x Power Supply (230V) • High definition CCD Camera • Electric-controlled unlocking • Waterproof 	<ul style="list-style-type: none"> • 2 x 7" Video Monitors & 1 x Door Station • 8-Chord melody ring options • Waterproof, inter-communication, anti-oxidation • Hands-free • Night vision
		Code	RL-2A10G
Description	<ul style="list-style-type: none"> • Suitable for two families • Waterproof and durable aluminium alloy outdoor unit • TFT colour screen 		<ul style="list-style-type: none"> • Night vision • Electric-controlled lock release • Easy installation for DIY market

SECURITY

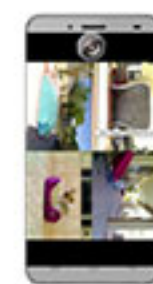
NEW **WIFI DOORBELL WITH MOBILE APP**

	Wifi Video Doorbell	Hybrid Systems Wired/WiFi	
Code	RL-IP04C	RL-B17FWIFI	RL-A17WIFI-PS
Description	<ul style="list-style-type: none"> • Doorphone • Mobile access via APP • Chime function when your phone is not handy • Motion Detection via built-in sensor • Photo taking (from your phone via APP) • Video recording (on optional SD Card) • Night vision • Unlock function via APP 	<ul style="list-style-type: none"> • Monitoring & Security: Monitor what's going on at home no matter where you are via APP. • Unlock door strike by mobile: When someone presses the call button on the outdoor unit, the indoor unit will ring and the mobile phone will get a notification. Open the APP & you'll be able to view the video image immediately. You can unlock the door strike remotely using the APP, or unlock using the indoor unit. • Photo taking & Video Recording: User can take photos or record video via APP. • Night Vision 	<ul style="list-style-type: none"> • When the PIR camera detects someone or someone is calling on the outdoor unit, the indoor unit will push a notification to the mobile phone. Open the APP, and you can see the video image, you can choose to store the image or not. • Remote unlock through mobile phone • When the indoor unit receives video signal from the outdoor unit, the ringer will sound and the image will show on the indoor unit • The indoor unit can monitor the outdoor unit and the PIR camera alternatively • Night Vision



WiFi Video Door Bell with Audio - IP55

Code	SSG-WB613 KIT	
Features	<ul style="list-style-type: none"> • 1280 x 720p resolution • WiFi Gate station • 230VAC/5VDC Power adapter 	<ul style="list-style-type: none"> • Plug-in internal doorbell • Supports 5 smartphones • Supports 4 mailboxes • Motion detector • Supports 32G SD card (not supplied) • Size (LxWxH): 117 x 49 x 28mm



Available on the **App Store**
Mobile phone not included.
 App:HiCam

NEW **WIRELESS VIDEO DOOR ENTRY**

Portable Colour Wireless Video Doorphone IP54



Code	RL-0825AB	RL-0807AB
	<ul style="list-style-type: none"> • 2.4" Colour Video Doorphone • 2.4GHz operating frequency • Operated by lithium battery and external adaptor 230VAC (included) • Distance: 50-70m • Dual-way intercommunication • Camera: CMOS • Size: outdoor: 126x93x34mm; indoor: 102x66x17mm 	<ul style="list-style-type: none"> • Wireless video doorphone • Wireless unlocking function • Wireless recording function • Auto-recording into SD card • Video recorder, digital clock, and perpetual calendar all in one • SD card instead of DVR for smaller size, higher performance



Mobile Wireless Video Door Phone

Code	Description
KDB302A	<ul style="list-style-type: none"> • 2.4GHz wireless intercom • Automatic and manual snapshot. • Gate/Door opening function • Simple for installation and easy to use. Useful for apartments and small buildings

Features

- Call, talk, monitor
- 3.5 Inch colour screen
- 600m wireless range
- Unlocking function
- Picture capture function
- Motion sensor, 4m range
- Date and time display
- Night vision
- **IP55** door station
- 100 picture memory
- 12 melodies to choose from
- 120° wide viewing angle
- c/w Power Adapter

Wireless Palm Baby Monitor



Code	Description
ZT-822E	2.5" LCD Palm size Wireless Monitor

Features

- Small palm sized receiver for mobile usage
- 2.5" LCD screen with 480 x 234 resolution
- Rechargeable Li-Battery in receiver, enables at least 2 hrs continuous operation
- 380TV lines sharp picture display
- Built-in microphone in camera and speaker in receiver for audio monitoring
- 100m transmission distance (line of sight)

NEW

VEHICLE CCTV & DASH CAMCORDER KITS

Two Camera System - 5" Monitor		Two Camera System - 7" Monitor				
c/w Monitor Bracket & Connecting Cables		c/w Monitor Bracket & Connecting Cables				
Code	TRM-527	TRM-727T				
	Monitor	Cameras	Monitor			
Features	<ul style="list-style-type: none"> 5" TFT LCD colour monitor Removable sun visor Manual or Automatic display switching, Reverse image switching delay 0-30s Camera trigger priority set in menu Resolution: 640 x 480 Mirror or normal image Size: 152 x 109 x 50mm 	<ul style="list-style-type: none"> 1/3" Sharp colour CCD Resolution 420 TV lines IP68 18 IR LED's for 15m night vision 12VDC Viewing angle 130° Shock proof: 10G 	<ul style="list-style-type: none"> 7" TFT LCD colour monitor Removable sun visor Manual or Automatic display switching, Reverse image switching delay 0-30s Camera trigger priority set in menu Resolution: 2400 x 480 Mirror or normal image Size: 185 x 124 x 48mm 			
	Four Camera System - 7" Monitor		Dash Camcorder			
c/w Monitor Bracket & Connecting Cables						
Code	TRM-737		DVR-196			
	Monitor	Cameras				
Features	<ul style="list-style-type: none"> 7" TFT LCD colour Quad monitor Single/Split/Quad view selectable Removable Sun Visor Manual or Automatic display switching, Reverse image switching delay 0-30s Size: 185 x 124 x 48mm 	<ul style="list-style-type: none"> 1/3" sharp colour CCD Resolution 420 TV lines 10 IR LED's for 15m night vision 12VDC • IP66 Viewing angle: 130° Shock proof: 10G 	<ul style="list-style-type: none"> 170° Wide angle lens 60mm 2.4" screen GPS module included Resolution: 1920 x 1080 (1080P) SD Card (32GB max) Internal Mic/Speaker USB & HDMI plugs 5VDC supply included or USB 			
Accessories						
Code	TRC-4103	TRC-8053	TRC-ECC	TRC-EC	TRC-TEC	MICROSD16GB
Features	<ul style="list-style-type: none"> Operating voltage: DC12V Free view angle: 130° Horizontal resolution: 420TV lines 	<ul style="list-style-type: none"> Car back camera Resolution: 420TVL Free view angle: 130° Operating voltage 12-32VDC 	<ul style="list-style-type: none"> Electrical connection cable with backup fuse Length: 1.5m 	<ul style="list-style-type: none"> Extension cable (video) Length: 1.5m 	<ul style="list-style-type: none"> Trailer extension cable Length: 15m 	<ul style="list-style-type: none"> MICROSD32GB Micro SD Memory Cards with Adaptor (for DVR-196)

NEW

ULTRASONIC CAR PARKING WARNING INDICATOR

Code	RL-9816H	RL-9816EH
Description	<ul style="list-style-type: none"> The parking indicator can detect the distance between your car and the wall of the garage to avoid collision There are 3 settings for parking distances & low battery indicator - powered by 4 AA batteries 	<ul style="list-style-type: none"> Parking sensor with door chime When car is parked in position of sensor, the sensor will send wireless signal to the door chime, indicating the car is parked in the garage

NEW **PROFESSIONAL TWO WAY RADIO PMR 446**

Professional Radios

Common Features Monitor, Squelch, Programmable by PC. • Transmission Power: ≤ 500mW ERP	 <ul style="list-style-type: none"> • Robust Aluminium Chassis • Vocal Tuner 	 <ul style="list-style-type: none"> • Robust Aluminium Chassis • Vocal low battery indication • SCAN 	 <ul style="list-style-type: none"> • IP67 • Robust Aluminium Chassis • Vocal announcement • Scrambler • Multi-function key • Compander • Roger Beep • Vox • SCAN
	Code	BR01	BR02
Channels	PMR446 8 + 8 pre-programmed	PMR446 8 + 8 pre-programmed	PMR446 8 + 91 pre-programmed
Tones	50 CTCSS / 232 DCS	38 CTCSS / 104 DCS	50 CTCSS / 105 DCS
Battery	2800mAh Li-Ion	1800mAh Li-Ion	1600mAh Li-Ion
Autonomy 5/5/90	up to 37hrs	up to 21hrs	up to 19hrs
Display	No	No	Backlit LCD
Dimensions (WxHxD)	55 x 150 x 27mm	57 x 117 x 33mm	56 x 113 x 38mm
Accessory Socket	2-Pin Kenwood	2-Pin Kenwood	2-Pin Motorola
Kit Includes	1 x Radio, 1 x Belt Clip, 1 x USB Cable, 1 x 2800mAh Battery	1 x Radio, 1 x Belt Clip, 1 x Desktop Charger & Wall Adaptor, 1 x 1800mAh Battery	1 x Radio, 1 x Belt Clip, 1 x Desktop Charger & Wall Adaptor, 1 x 1600mAh Battery

Accessories

					
	BR01, BR02	BR01, BR02	G18	G18	
Code	BA21	BA22	MA27-M	MA25-M	
Description	Microphone & Earphone 2 Pin Kenwood	Speaker/Microphone 2 Pin Kenwood	Microphone & Earphone 2 Pin Motorola	Speaker/Microphone 2 Pin Motorola	
					
Code	M-CA-PB-BR02	M-CA-PB-G15	PB-BR01	PB-BR02	PB-G15
Description	6 Station Charger	Six Station Charger	Spare LI-ION Battery Pack	Spare LI-ION Battery Pack	Spare LI-ION Battery Pack

Bluetooth Accessories

						
	BR02	G18	BR02, G18	BR02, G18	BR01 / 02	G18
Code	WA-DONGLE-BR02	WA-DONGLE-M	WA21	WA-MIKE-M	PRG-10	PRG-15
Description	Bluetooth Dongle 2 Pin Kenwood	Bluetooth Dongle 2 Pin Motorola	Bluetooth Mic & Earphone Phone Requires B/Tooth Dongle	Bluetooth Speaker/Microphone Requires Bluetooth Dongle	Software + Cable	

DIY/HOBBY TWO WAY RADIO PMR 446



Hobby / Leisure Radios

Common Features

SCAN, Vox, Keypad lock, Roger Beep, Battery Indicator.

- Display: Backlit LCD
- 2-Pin Midland Socket



- Baby sitter function
- Dual Watch
- Out of range detection



- Dual PTT Key
- Emergency call function
- Out of range detection
- Dual watch
- Vibra call
- Squelch
- Monitor



- Double PTT
- Baby sitter function
- Dual Watch
- Vibra call

Code	G5C (Kit)	G9	G7E PRO
Channels	PMR446 8	PMR446 8 + 16 pre-programmed	PMR446 1-8 / 1-69 LPD
Tones	38 CTCSS Tones	38 CTCSS, 104 DCS Tones	38 CTCSS / 104 DCS
Operate with	3 rechargeable batteries 800mAh AAA	Ni-MH 800mAh / 4 x AA	Ni-MH 800mAh / 4 x AA
Autonomy	Up to 35hrs	Up to 12hrs	up to 15hrs
Transmission Power	500mW ERP	10 - 500mW (Selectable)	10 - 500mW (Selectable)
Dimensions (WxHxD)	51 x 99 x 31mm	68 x 120 x 35mm	58 x 122 x 34mm
Kit Includes	2 x Radios, 2 x Belt Clips, 2 x Wall Adaptors, 6 x AAA Rechargeable Batteries	1 x Radio, 1 x Belt Clip, 1 x Desktop Charger & Wall Adaptor 4 x AA Rechargeable batteries	2 x Radios, 1 x Dual Table Charger & Wall adaptor, 2 x Belt Clips 2 x 800mAh batteries

Accessories

	G5 	G7, G9 	G7, G9 	G7, G9
Code	R72701	R72005	MA28-L	AE38
Description	Belt Clip	G7, G9 Belt Clip	Microphone with Earphone 2-Pin Midland	Throat Microphone PTT Finger PTT, 2-Pin Midland
	G5, G7, G9 	G5, G7, G9 	G7, G9 	
Code	MW904	ALG7	PB-ATL/G7	
Description	Wall Charger	Car Charger	Rechargeable Pack	

CCTV POWER SUPPLIES 240VAC

ACDC Power Supplies is the cost effective way to power multiple cameras. The power supplies provide a 24VAC or adjustable 12VDC output for 4, 9 or 18 fused outputs.

AC Models

Code	No. of Outputs 24VAC	Output Amps	Max. Amps / Channel
24VAC2.5A4P	4	2.5A	1.1
24VAC5A8P	8	5A	1.1
24VAC10A18P	18	10A	1.1

DC Models

Code	No. of Outputs 12VDC	Output Amps	Max. Amps / Channel
12VDC5A4P	4	5A	1.1
12VDC10A9P	9	10A	1.1
12VDC10A18P	18	10A	1.1

DC/AC Models

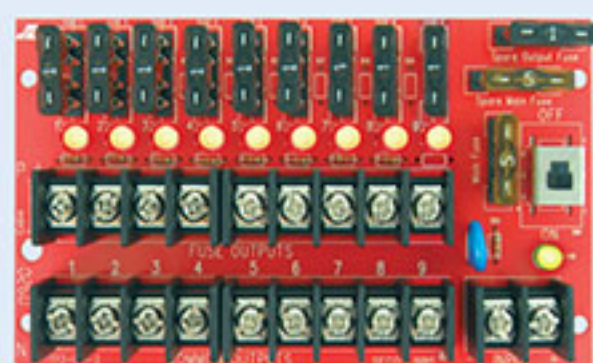
Code	No. of Outputs	Output Amps	Max. Amps / Channel
EVP-124M6P16Q	8 x 12VDC + 8 x 24VAC	8 (3A)	1.1

NB: "Output Amps" is a maximum total output amperage for entire power supply

- Supply volts: 90~240VAC
- AC or DC output models available
- Individually protected PTC-type 11A fuse outputs
- Status LED indicator
- Main Power Switch with surge protector
- Includes IP55 Steel enclosure and transformer
- DC models adjustable from 12.6~15.15VDC
- Dimensions: 196W x 254H x 89Dmm



CCTV POWER DISTRIBUTION BOARDS



Central Supply Connection - Power indicator for main board green and terminals

Code	Output	Output Amps	Max. Amps / Channel
PD-9BSQ	9	10A	1.1

Features

- 10A, 240VAC Main fuse. Includes circuit board only
- Camera Fuse Code: F600-1A

RACK-MOUNTED CCTV POWER SUPPLIES

AC/DC Slim-line design. Rack mounted CCTV Power Supplies



Code	No. of Outputs	Output Volts	Output Amps	Max. Amps / Channel
24VAC10A16PR	16	24VAC	10A	1.1

DC Model

Code	No. of Outputs	Output Volts	Output Amps	Max. Amps / Channel
12VDC13A16PR	16	12VDC	13A	1.1

Features

- Supply volts: 176~264VAC
- Status LED indicator
- Includes IP55 enclosure
- Dimensions: 482W x 170H x 44Dmm

VOLTAGE CONVERTER



Features

- Converts 12/ 24 VAC/DC to a regulated 5/ 12/ 24 VDC output
- LED indicator with built-in overload protection

ST-LA105-TTQ ST-LA115-TPQ

Code	Input Voltage	Output Voltage	Current (A)
ST-LA105-TTQ	12 / 24 VAC/DC	5 / 12/24 VDC	0.5A
ST-LA115-TPQ	18 / 23 VAC/DC	12 VDC	1.5A

VOLTAGE BOOSTER



Code	Input Voltage	Output Voltage	Current
ST-HB105-TTQ	7-24VDC	12 or 24VDC (adjustable)	500mA @ 12/ 24VDC

Features

- Compensates DC voltage drops over long cable run
- LED indicator with built-in overload, short-circuit protection

LOW BATTERY CUT-OFF MODULE



Code	I/O Connection	Size
ST-BD01Q	AC input/ output	60 x 45 x 22mm

Features

- Selectable input 12 or 24VDC
- Adjustable cut-off/ restore voltage range
- Dual colour output LED indicator
- Relay contact rating: 7A @ 30VDC

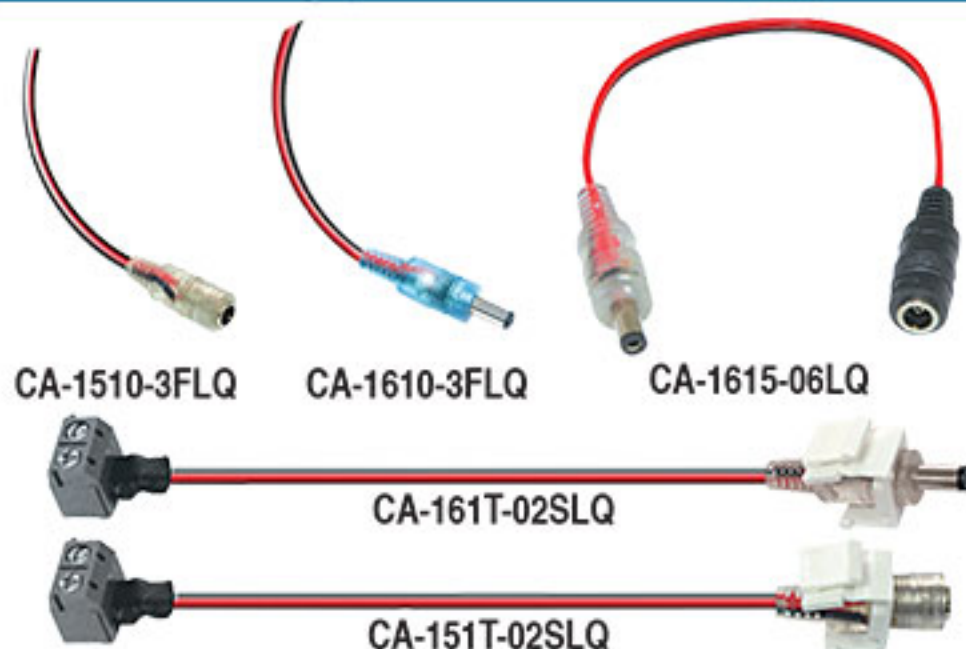
5-IN-1 MULTI-PURPOSE 12VDC TESTER



Code	Test for
ST-BT01Q	1. Voltage 2. Battery load 3. Voltage drop 4. PTC Fuse 5. Polarity test

- LED indicators
- Reverse polarity protection
- Indicates the condition of rechargeable gel 12VDC batteries
- Built-in digital cable with alligator clip for easy connection

ILLUMINATED POWER CONNECTORS



AC/DC Illuminated Power Connectors make trouble-shooting CCTV or other 12VDC or 24VAC equipment easy testing

Code	Description
CA-1610-3FLQ	DC Female Plug with LED and 75mm wire length
CA-1510-3FLQ	DC Male Jack with LED and 75mm wire length
CA-1615-06LQ	DC Male Jack to DC Female Plug with LED and 150mm wire length
CA-161T-02SLQ	DC Female Plug to terminal block, snap-in, LED, 63mm wire length
CA-151T-02SLQ	DC Male Jack to terminal block, snap-in, LED, 63mm wire length

Features

Checks for low voltage AC/DC before connecting to a device.



NEW

POWER ADAPTOR



Regulated Power Supply

Code	SNW-0501E
Input	100-240VAC
Output	5VDC / 1A
DC Jack	5.5 x 2.1 x 10mm Straight

For more power supplies, see pg 85



POE Power Adaptor

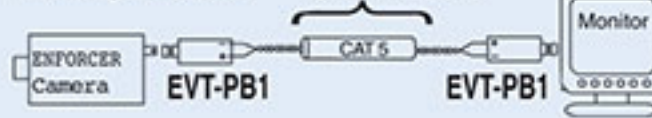
Code	LYDIZ-24005
Input	90-264VAC
Output	24VDC / 0.5A
Connection	2 x RJ45 (In/Out)

For more power supplies, see pg 85

CAMERA ACCESSORIES



For Single Camera



Code	EVT-PB1	EVT-PBP-VITQ
Description	Transmits a CCTV camera video signal long distances over low cost cable.	6" BNC Digital connection
Features	<ul style="list-style-type: none"> • Ideal for full-motion colour and black & white cameras • Transmits monochrome video up to 600 metres, or colour up to 400 metres • Low-cost CAT5e/6 unshielded twisted pair (UTP) cable. Works over existing UTP cable • Includes BNC connector and spring clamp terminal block (no need to crimp RJ-45 connectors). Reduces wiring time • High immunity from interference. Built-in impedance coupled device and noise filter 	<ul style="list-style-type: none"> • 6" BNC pigtail connector. • Transmits a monochrome video signal up to 610m. • Passive operation - No external power required. • Built-in impedance coupled device and noise filter

ACTIVE IP BALUN



IPB-A1200Q



IPB-A1100Q

Active IP Baluns are designed to extend any TCP/IP devices beyond the 100m range to 1200m. The unit does not filter out any protocols, codes or applications, so this ensures compatibility with any IP camera and its software.

Code	Description	Input	Output	Voltage
IPB-A1100Q	Active IP Balun over CAT 5e/6	RJ45	RJ45	5VDC
IPB-A1200Q	Active IP Balun over coax (RG59/U)	RJ45	BNC	5VDC

VIDEO AMPLIFIER



Code	EVT-PH16-4T2Q	Features
Transmit Distance	610m	<ul style="list-style-type: none"> • Connects up to 16 CCTV cameras using low-cost CAT5e/6 UTP cable to a central location • Built-in RS-485 port to P.C. • Mounts in 19" rack • Complete passive operation, no power required
Video Input	16 x 1	
Video Output	16 (BNC)	
Power	500mA	
Compact enclosure	1U (1 3/4")	
Port	Passive	



Code	EVT-AH16-4T2Q	Features
Transmit Distance	2400m	<ul style="list-style-type: none"> • Works with full motion CCTV cameras up to 2.4km via active video baluns • Mounts in 19" rack • Built-in impedance coupled device and noise filter • Works in conjunction with passive or active video baluns
Video Input	16 x 2	
Video Output	32 (BNC)	
Power	500mA	
Compact enclosure	1U (1 3/4")	
Port	Active	



Code	EVT-AB1Q	Features
Transmit Distance	900m	<ul style="list-style-type: none"> • Transmitter amplifies the video signal for excellent picture quality at long distances • Inc BNC connector and removable terminal blocks • Gold-plated BNC connector • Surge, ground and transient protection
Video Input	1	
Video Output	1	
Power	300mA	
Compact enclosure	59 x 43 x 41mm	
Port	Active	

VIDEO AMPLIFIER



VA-2101B-WQ

VA-2404B-WQ

Code	VA-2101B-WQ	VA-2404B-WQ
Video Input Channel	1	4
Video Output Channel	1	4
Video Input level	0.8~1.2Vpp, 75 chins	0.8~1.2Vpp, 75 chins
Gain adjustment	+ 60dB @ 5MHz	+ 60dB @ 5MHz
Operating Voltage	12VDC	12VDC
Power consumption	100mA	200mA

Features

- Video Amplifier compensates for video loss
- Transmits up to 1km
- Connects to video camera, multiplexer, VCR, DVR, etc.

VIDEO DISTRIBUTOR



VA-1102B-WQ

VA-1104B-WQ

Code	No. of Video		Video Input Level
	Input	Output	
VA-1102B-WQ	1	2	0.8 ~ 102Vp-p, 75Ω
VA-1104B-WQ	1	4	0.8 ~ 102Vp-p, 75Ω

Features

- Distributes video feed for NTSC or PAL
- Compatible with colour or black & white signals
- LED to indicate power 12VDC or 24VDC
- 1 Video input to 2 or 4 video outputs

BNC TO VGA CONVERTER



Code	Input Signal	Output Signal	Power
VC-IBAQ	BNC	VGA (DBIS VGA Connector)	5VDC

Features

- Converts almost any LCD Monitor into a security monitor
- Video auto-configure NTSC or PAL Input
- On-screen display function: colour, contrast & brightness

HDMI VIDEO

HDMI Over CAT 5e/6



MVE-AH010Q

VGA Input & Stereo Audio to HDMI Converter



MVA-WH01Q

Code	MVE-AH010Q	MVA-WH01Q
Video Input signal	0.5-1.0Vpp	0.5-1.0Vpp
DDC Input Signal	5Vpp (TTL)	5Vpp
HDMI Output	HDMI 1.3	HDMI 1.2A + HDCP 1.0/1.1
Resolution	480p, 576p, 720p, 1080p	480i, 576i, 1080i, 480p, 576p, 720p, 1080p
Power Adapter	2A@5VDC	1A@5VDC
Link Connection	RJ-45 x 2	Video: VGA, Audio: Dual RCA Stereo
Features	<ul style="list-style-type: none"> • Works with full-motion • Video and audio signal up to 60m • Connect HDMI equipment using low-cost CAT 5e/ 6 UTP cables 	<ul style="list-style-type: none"> • The MVA-WH01Q VGA and stereo audio to HDMI convertor takes a VGA and stereo audio signal input and outputs as HDMI signal

CAMERA ACCESSORIES



Wireless Transmission Module - 1000 meters

Code	Description
ZT-F1500A	1000 meters Transmitter & Receiver without obstruction

Features

- 1000mW transmission power for long distance surveillance
- Frequency: 900MHz-1.230MHz 4 CH
- Modulation Mode: FM

CAMERA ACCESSORIES

Connectors & Adaptors

Code	ZD-805068/5	ZD-805073	ZD-805081	SP2104	ZD-805075
Description	Connector BNC Male crimp type for RG58, 59, 6/U	Adaptor BNC Male / RCA Female	Adaptor T BNC Female to 2 x BNC Male	12V Male Plug	Connector BNC Male twist type for RG58, 59, 6/U
Code	ZD-805074	ZD-805082	CN031/5	S0239CH	PL259
Description	Adaptor RCA Male / BNC Female	Adaptor T BNC Male to 2 x BNC Female	Female / Female	UHF Female Socket	UHF Male Plug

CCTV Cable - Mill Spec 75 OHM - 100m Roll



Code	Solid Conductor	Size (mm)
E-POWERAX-*	RG 59 + POWER	Copper with 0.5mm Twinflex
RG59U/1	RG 59 coax cable	Video: 0.81 Copper
*Add Length to Code: 1 (1m), 100 (100m Roll), 500 (500m Roll)		Cable: 24 x 0.20mm Copper

CCTV Microphone

The CCTV Microphone is the ideal way to add sound pick-up to existing camera installations.



CCTV Accessories



Code	VM-101Q	CA-161R	MC-1101-09FQ
Features	<ul style="list-style-type: none"> • Omni-directional pick-up pattern • RCA jack for audible output • 12VDC jack for power 	<ul style="list-style-type: none"> • DC Plug to terminal block for easy connection from terminal to plug 	<ul style="list-style-type: none"> • HDMI cables • Supports HDMI v1.3 for type A • Gold-plated connector

Camera Brackets



Code	Description
J-106	Mounting Bracket
J-107	Mounting Bracket
J-109	Mounting Bracket



Code	Description	Type
TP-203B	Mounting bracket	Plastic
TP-203I	Mounting bracket	Plastic
TP-206	Mounting bracket	Plastic
TP-205N	Mounting bracket	Metal
TP-207	Mounting bracket	Metal
TP-208	Mounting bracket	Metal



Camera Housings with Heater

Code	Description
ST8009	Outdoor Camera Housing with 20W Heater Blower 230VAC















Outdoor Aluminium Camera Housing








Code	Description	Size (mm)
TP-603	Housing with movable top 8 lock	131 x 106 x 300
TP-6031R	Housing with built-in IR Lens	142 x 115 x 370
TP-208H	Housing with movable top	138 x 117 x 375



ANALOGUE HD CAMERAS




	Short Range Fixed Lens Bullet		Long Range Fixed Lens Bullet	Varifocal Lens Bullet
				
Code	DS-2CE16C0T-IRF	DS-2CE16D0T-IRF	DS-2CE16D0T-IT5F	DS-2CE16C2T-VFIR3-CVBS
Description	HD 720p Infrared Hybrid Turbo Bullet Camera Analogue HD Output 4:1 Feature: TVI/AHD/CVI/CVBS Smart IR, 20m distance True Day/Night	HD 1080p Infrared Hybrid Turbo Bullet Camera Analogue HD Output 4:1 Feature: TVI/AHD/CVI/CVBS Smart IR, 20m distance True Day/Night	HD 1080p long range EXIR Hybrid Turbo Bullet Camera Analogue HD Output 4:1 Feature: TVI/AHD/CVI/CVBS IR 80m distance True Day/Night	HD 720p varifocal IR Turbo Bullet Camera. 2.8 -12mm varifocal lens. CVBS/720p HD Output Customisation Smart IR, 40m distance True Day/Night
	Varifocal Lens Bullet		Fixed Lens Dome	
				
Code	DS-2CE16D0T-VFIR3	DS-2CE56C0T-IRMF	DS-2CE56D0T-IRMF	DS-2CE56D0T-IRF
Description	HD 1080p varifocal IR Turbo Bullet Camera. 2.8 -12mm varifocal lens Analogue HD Output 4:1 Feature: TVI/AHD/CVI/CVBS Smart IR, 40m distance True Day/Night	HD 720p Infrared Hybrid Turbo Turret Camera Analogue HD Output 4:1 Feature: TVI/AHD/CVI/CVBS Smart IR, 20m distance True Day/Night	HD 1080p Infrared Hybrid Turbo Turret Camera Analogue HD Output 4:1 Feature: TVI/AHD/CVI/CVBS Smart IR, 20m distance True Day/Night	HD 1080p Infrared Hybrid Turbo Turret Camera Analogue HD Output 4:1 Feature: TVI/AHD/CVI/CVBS Smart IR, 20m distance True Day/Night
	Varifocal Lens Dome		Outdoor PTZ	Covert/Pinhole
				
Code	DS-2CE56C2T-VFIR3-CVBS	DS-2CE56D0T-VFIR3	DS-2AE4123TI-D	DS-2CS54C8T-PH
Description	HD 720p Varifocal IR Turbo Turret Camera. 2.8-12mm varifocal lens. OSD & CVBS/720p HD Output Customisation Smart IR, 40m IR distance True Day/Night	HD1080p Varifocal IR Turbo Turret Camera. 2.8-12mm varifocal lens. 4:1 Feature: TVI/AHD/CVI/CVBS Smart IR, 40m IR Distance True Day/Night	HD 720p Infrared Outdoor Turbo PTZ Dome Camera TVI/CVBS Dual Output 23x Optical Zoom (4-92mm lens) Up to 100m IR Distance	HD 720p WDR Covert/Turbo Pinhole Camera 1MP progressive scan CMOS Ultra low light 2.8mm fixed lens CVBS switchable analogue

DIGITAL VIDEO RECORDERS

Hard Disks excluded			
Code	DS-7104HGHI-F1	DS-7208HGHI-F2	DS-7216HGHI-F2
Description	4 Channel 720p HDTV/Turbo DVR Supports HDTV, AHD & CVBS Inputs Full channel recording, up to 1080p resolution 1 Channel Audio In/Output HDMI/VGA Output Hard Disk: 1 SATA interface (6TB max)	8 Channel 720p HDTV/Turbo DVR Supports HDTV, AHD & CVBS Inputs Full channel recording, up to 1080p resolution 1 Channel Audio In/Output HDMI/VGA Output Hard Disk: 2 SATA interfaces (6TB max each)	16 Channel 720p HDTV/Turbo DVR Supports HDTV, AHD & CVBS Inputs Full channel recording, up to 1080p resolution 1 Channel Audio In/Output HDMI/VGA Output Hard disk: 2 SATA interfaces (6TB max each)
Hard Disks excluded			
Code	DS-7208HQHI-K1	DS-7216HQHI-K2	DS-7316HQHI-K4
Description	8 Channel 1080p HDTV/Turbo DVR Self Adaptive HDTV/CVI/AHD/ CVBS Signal Input 1 Channel Audio In/Output HDMI/VGA/CVBS Output Hard Disk: 1 SATA interface (6TB max)	16Channel 1080p HDTV/Turbo DVR Self Adaptive HDTV/CVI/AHD/ CVBS Signal Input 1 Channel Audio In/Output HDMI/VGA/CVBS Output Hard Disk: 2 SATA interfaces (6TB max each)	16Channel 1080p HDTV/Turbo DVR Self Adaptive HDTV/HDCVI/AHD/ CVBS Signal Input 1 Channel Audio In/Output. Alarm In/Output: 16/4 HDMI (4k)/VGA/CVBS Output Hard Disk: 4 SATA int.(8TB max ea.)
			
Code	DS-7332HGHI-SH		
Description	32Channel 1080p Hybrid Turbo DVR HDTV/Analog/CVBS /Network Hybrid 1 Channel Audio In/Output Alarm In/Output: 16/4 HDMI/VGA Output Hard Disk: 4 SATA int. (8TB max ea.)		

DAY / NIGHT CAMERAS

WHILE STOCKS LAST

	Built-in microphone 			
Code	TP-2000MIR-EX	TP-550SS-MIR	TP-550SS-DN	TP-3600XLA
Sensor	1/3" Sony Ex view CCD	1/3" Sony CCD	1/3" Sony CCD	1/4" Sony CCD
Lens	CS/C - Direct drive	CS/C - Direct Drive	CS/C - Direct drive	ICR
Resolution	550TVL	550TVL	550TVL	550TVL
Illumination	0.05lux / f1.0	0.08lux / f1.0	0.08lux / f1.2	0.7lux / f1.6
Voltage/Current	12VDC / 24VAC	12VDC / 24VAC	12VDC / 24VAC	12VDC
Size (mm)	60 x 50 x 110	60 x 50 x 120	60 x 50 x 120	57 x 61 x 110
Focal Iris	Auto	Mechanical IR Cut Filter	Auto	Mechanical IR Cut Filter





IR CAMERAS

WHILE STOCKS LAST

										
Code	L752G38-2	L773G38-2	L780G38-2	L751G38-3N	L773G38-3N	L780G38-3N	L751G38-4N	L773G38-4N	L780G38-4N	L751G38
Sensor	1/3" Sony CCD	1/3" Sony CCD	**EFFIO E**	1/3" Sony CCD	1/3" Sony CCD	**EFFIO E**	1/3" Sony CCD	1/3" Sony CCD	**EFFIO E**	1/3" Sony CCD
Lens	3.6mm fixed lens			2.8mm manual zoom			2.8mm manual zoom			3.6mm fixed lens
Resolution	480 TVL	650 TVL	700 TVL	480 TVL	650 TVL	700 TVL	480 TVL	650 TVL	700 TVL	480 TVL
IR LEDS	30 PC IR (25m)			36 PC IR (30m)			36 PC IR (50m) / 24 PC IR (20m)			24 PC IR (20m)
IP Rating	IP66			IP66			IP66			
Voltage	12V DC			12V DC			12VDC			
Size	200 x 82 x 75mm			228 x 97 x 82mm			295 x 120 x 103 / 175 x 69 x 55			175 x 69 x 55
Illumination	0.1 LUX	0.01 LUX	0.001 LUX	0.1 LUX	0.01 LUX	0.001 LUX	0.01 LUX	0.01 LUX	0.001 LUX	0.01 LUX

DOME CAMERAS

WHILE STOCKS LAST

										
Code	L751K1	L773K1	L780K1	L752K5	L773K5	L780K5	L773K11	L780K11	L773K18	L780K18
Sensor	1/3" Sony CCD	1/3" Sony CCD	**EFFIO E**	1/3" Sony CCD	1/3" Sony CCD	**EFFIO E**	1/3" Sony CCD	**EFFIO E**	1/3" Sony CCD	**EFFIO E**
Lens	3.6mm fixed lens			3.6mm fixed lens			2.8-12mm manual zoom		2.8-12mm manual zoom	
Resolution	480 TVL	650 TVL	700 TVL	480 TVL	650 TVL	700 TVL	650 TVL	700 TVL	650 TVL	700 TVL
IR LEDS	24 PC IR (20m)			24 PC IR (20m)			36 PC IR (30m)		36 PC IR (30m)	
IP Rating	IP66			Internal			Internal		Internal	
Voltage	12VDC			12VDC			12VDC		12VDC	
Size	94 x 69mm			94 x 69mm			275 x 93mm		275 x 93mm	
Illumination	0.1 LUX	0.01 LUX	0.001 LUX	0.1 LUX	0.01 LUX	0.001 LUX	0.01 LUX	0.01 LUX	0.001 LUX	0.01 LUX

BOX CAMERAS

WHILE STOCKS LAST

			
Code	L750S4	L773S4	L780S4
Sensor	1/3" Sony CCD	1/3" Sony CCD	BNC 1/3" Sony CCD EFFIO E
Lens	No Lens	No Lens	No Lens
Resolution	480 TVL	600 TVL	700 TVL
IR LEDS	Low illumination, ATR, DNR		
IP Rating	Internal		
Voltage	12VDC		
Size	110 x 45 x 55mm		
Illumination	0.1LUX	0.001LUX	0.001LUX

SECURITY

WHILE STOCKS LAST

ANALOGUE SECURITY CAMERAS IP66

Code	AHD61DIRZ-ICR-A2	AHD318E-ICR-A2	AHD318FZ-ICR-A2	VC-138CN20
Sensor	1/4" 1MP CMOS	1/4" 1MP CMOS	1/4" 1MP CMOS	SONY IMX138
Lens	3.6mm / M12	2.8-12MM Vari-focal	9 - 22mm	3.6mm
Signal	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC
IR Range	20m	40m	80m	20m
Resolution	1280 x 720	1280 x 720	1280 x 720	1280 x 720
Video out	1 Channel BNC HD	1 Channel BNC HD	1 Channel BNC HD	1 Channel BNC HD
Motion Detection	Yes	Yes	Yes	-
Power	12VDC	12VDC	12VDC	12VDC

Code	VCDV138SP20	VCDV-1099NT20	VCDP-1099SH20	AN-SD7800M1/S1B	AN-SD7800D5/C2B
Sensor	SONY IMX138	CMOS	CMOS	1/4" Sony CCD	1/4" Super HAD CCD
Lens	3.6mm	2.8-12mm	3.6mm	4.2-42mm (10 x Optical zoom)	4.0-88mm (22 x Optical zoom)
Resolution	720P (1000TVL)	960H (800TVL)	960H (800TVL)	480TVL	480TVL
Voltage	12VDC	12VDC	12VDC	AC19-30V	AC19-30V
Illumination	IR 20m	IR 20m	IR 20m	1.0Lux Colour	0.01Lux B/W, 1.0Lux Colour
Day/Night Mode	ICR Filter	N/A	ICR Filter	ICR Infrared filter	N/A

WHILE STOCKS LAST

EMBEDDED DVR'S

Stand Alone



- 4 Channel D1 Network DVR
- Can take 1 x SATA HDD, up to 2 TB

Code	SD-5004V	
Code	SD-1016AVL3	DVR-8616XH-E1
Description	<ul style="list-style-type: none"> • 16 Channel H.264 Real time network DVR • Alarm input 	16CH DVR, 400fps, 960H, VGA,HDMI V/O, 8 A/I, 1 A/O, 2 SATA HDD + E SATA

Entry Level CIF DVR

Code	DVR-7108XC-C1	DVR-7116XC-C1
Description	8CH DVR, 200fps, CIF, VGA + BNC, + HDMI video out, 1 Audio in, 1 Audio out, RS485A/B, 1 X SATA HDD	16CH DVR, 400fps, CIF, VGA + BNC + HDMI video out, 2 Audio in, 1 Audio out, RS485A/B, 1 X SATA HDD

WHILE STOCKS LAST

LCD/DVR & CAMERA COMBO KITS



Code	L1507D4-KIT (4 cameras)	-	D1901D8-KIT (8 cameras)
Code	L1507D4-DVR (DVR + LCD only)	L1701D4-DVR (DVR + LCD only)	-
	<ul style="list-style-type: none"> • With 4 x CCD cameras and 4 x 18.3m cables • 15" TFT-LCD monitor with built-in DVR • H.264 compression • Triple operation - simultaneous record, playback, network • Clear and smooth network live monitor • Mouse/ USB backup/ PTZ/ Mobile • HDD up to 1TB capacity • Remote view with Mobile phone • Real time remote view via IE browser • Support network protocol: TCP/IP, DHCP, DDNS, PPPoE and email 	<ul style="list-style-type: none"> • 17" TFT-LCD monitor with built-in DVR • H.264 compression • Triplex operation - simultaneous record, playback, network • Clear and smooth network live monitor • Mouse/ USB backup/ PTZ/ Mobile • HDD up to 1TB capacity • Remote view with Mobile phone • Real time remote view via IE browser • Support network protocol: TCP/IP, DHCP, DDNS, PPPoE and email 	<ul style="list-style-type: none"> • With 8 x CCD cameras & 8 x 18.3m cables • 19" TFT-LCD monitor with built-in DVR

WHILE STOCKS LAST

DIGITAL VIDEO RECORDERS (DVR)

H.264 compression
Supports mobile remote surveillance



Code	BES-8004VT	BES-8008VT
Front Type	Front Key/ 7" TFT Monitor	Front Key/ 7" TFT Monitor
HDD	1TB SATA HDD	1TB SATA HDD
Video Input/ Output	4ch BNC/ 2ch BNC	8ch BNC/ 2ch BNC
Audio Input/ Output	4ch BNC/ 1ch BNC	8ch BNC/1ch BNC
Alarm Input/ Output	4ch / 1 ch	8ch/1ch
Port - USB	2.0	2.0
Image Quality	CIF/HD1/D1 selectable	CIF
Internet	IE/PPPoE/DDNS	IE/PPPoE/DDNS
Mobile Surveillance	Support Symbian s60 v3.0, Mobile Pocket PC operation system	Support Symbian s60 v3.0, Mobile Pocket PC operation system
Power Adaptor	19V/3.42A DC	19V/3.42A DC
Dimensions (mm)	330 x 230 x 60mm	330 x 360 x 60mm

SECURITY

WHILE STOCKS LAST

DIGITAL VIDEO RECORDERS (DVR)



Code	D7444HT-KIT
	4 Channel Real time full channel 960H DVR KIT <ul style="list-style-type: none"> • Supports: 1280*1024. HDMI: 1920*1080 • Supports 4CH 960H real time recording and playback, with PTZ, alarm • VGA port • SATA Interface HDD*2 up to 2TB • 4 pcs 1/4" MT139 CMOS CAMERA, 700TVL, 36pcs IR, LEDS 3.6mm Lens, IR 20m • 500GB Harddrive included





NEW **DIY HD ANALOGUE CCTV KITS**

<p>Download the free Mapesen app for Android or IOS for remote viewing</p> 	<p>4 Camera Kit</p> 	<p>8 Camera Kit</p> 
	<p>Code RM5104-2B2D</p> <p>2 x IP66 HD 1080P True Day/Night Bullet Cameras 2 x Indoor HD 1080P True Day/Night Dome Cameras 1 x 5-in-1 4 Channel DVR 4 x 15m all-in-one Cables 1 x Power Splitter 1 x Power Adaptor - 12V/2A</p> <p>Note: HDD to be ordered separately</p>	<p>Code RM5108-4B4D</p> <p>4 x IP66 HD 1080P True Day/Night Bullet Cameras 4 x Indoor HD 1080P True Day/Night Dome Cameras 1 x 5-in-1 8 Channel DVR 8 x 15m all-in-one Cables 2 x Power Splitter 2 x Power Adaptor - 12V/2A</p> <p>Note: HDD to be ordered separately</p>

NEW **DIY WIFI CCTV KITS**





<p>Download the free Mapesen app for Android or IOS for remote viewing</p> 	<p>4 Camera Kit</p> 	<p>8 Camera Kit</p> 
	<p>Code TM6104L2JX100-W</p> <p>4 x 1MP / 720P IP66 WiFi Bullet Cameras 1 x WiFi Network Video Recorder 4 x Power Adaptors for Cameras Installation Accessories Hard Disk Drive to be ordered separately</p>	<p>Code TM6108L2JX100-W</p> <p>8 x 1MP / 720P IP66 WiFi Bullet Cameras 1 x WiFi Network Video Recorder 4 x Power Adaptors for Cameras Installation Accessories Hard Disk Drive to be ordered separately</p>

NEW **WIFI CAMERAS**

<p>Download the free Live Vision app for Android or IOS</p> 	<p>IP66 Bullet Cameras</p> 	<p>360° Panoramic</p> 	<p>IP66 PTZ Camera</p> 
	<p>Code MP-L2J4I103-WTA</p> <p>Resolution: 1MP / 720P Storage: Micro SD up to 64GB Supply Voltage: 12VDC Features: • Motion detection alarm function • Two way audio</p>	<p>Code MP-L2J4I205-WTA</p> <p>Resolution: 2MP / 1080P Storage: Micro SD up to 64GB Supply Voltage: 12VDC</p>	<p>Code VR-T1E4I132-WTA2</p> <p>Resolution: 1.3MP / 960P Storage: Micro SD up to 64GB Supply Voltage: 12VDC Features: • Motion detection alarm function • Two way audio • IR Illumination</p>


NEW

BATTERY POWERED / COVERT WIFI CAMERAS






mapesen®	Solar WiFi Camera	Portable WiFi Camera	Covert WiFi Clock Camera	Covert WiFi Plug Camera
Download the free app for Android or IOS	IP66 	IP66 		
Code	MP-BC1	MP-BC3	MP-H2	MP-H3
Resolution	2MP / 1080P	2MP / 1080P	2MP / 1080P	2MP / 1080P
Battery	6600mAh	5200mAh	3000mAh	-
Endurance	± 150 days	± 180 days	±10 Hours	-
Storage	Micro SD up to 32GB	Micro SD up to 64GB	Micro SD up to 64GB	Micro SD up to 128GB
App Name	Macroshare	Macroshare	ELook	ELook
Features	<ul style="list-style-type: none"> Built in solar panel PIR motion detection & push notification in app Two way audio 	<ul style="list-style-type: none"> PIR motion detection & push notification in app Two way audio 	<ul style="list-style-type: none"> Realtime Audio & Video Working Digital Clock IR Night Vision Motion Detection Function 	<ul style="list-style-type: none"> Realtime Audio & Video IR Night Vision Motion Detection Function Powered by Wall Socket

NEW

WIRELESS CAMERAS & DVR'S

	Outdoor Cameras		Indoor Camera	Kits	
	IP55 	IP55 			
Code	MWL605*	MWL609	MWL610	MWM014-KIT-1	MWM719-KIT-2
Resolution	1 Megapixel	1 Megapixel	1 Megapixel	Kit Includes:	Kit Includes:
Lens	3.6mm Fixed	3.6mm Fixed	3.6mm Fixed	1 x MWM014 DVR	1 x MWM719 Monitor/DVR
Light	24 x IR LED	24 x IR LED	1 LED Array	2 x MWL609 Camera	2 x MWL605 Camera
Night Vision	15 - 20m	15 - 20m	12 - 15m	2 x MWL610 Camera	1 x MWL609 Camera
Housing	Metal	Metal	Plastic		1 x MWL610 Camera
System	720P HD Wireless	720P HD Wireless	720P HD Wireless		

*Add MS to code for Microphone + Speaker

	720P HD LCD/DVR	720P Mini DVR	Wireless Colour Camera Kits			
						
Code	MWM719	MWM014	Code	ZT-803CT	ZT-805D	ZT-808A
Range	300m	300m	Transmission Freq.	ISM-2.4GHz	ISM-2.4GHz	1.2GHz
Screen Size	7" (178mm) 16:9	-	Imaging Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS
No of Channels	4 / (2 x 720P)	4 / (2 x 720P)	Horizontal Res.	380TV Lines	380TV Lines	380TV Lines
Frequency	2.4GHz / P2P network	2.4GHz / P2P network	View Angle	62°	62°	62°
Record Storage	4-128GB SD Card	4-128GB SD Card	Trans. Power	10mW/CE; 2mW/FCC	10mW/CE; 2mW/FCC	1000mW
Max No. Cameras	4		Modulation Type	FM	FM	FM
Sensing Modes	Manual, Motion and Scheduled		Channel Selectable	-	✓	-
Recording Modes	Push Notification, Pre-Event when motion detected		Audio	✓	✓	✓
			PLL System	✓	✓	✓

Wireless 1CH 2000 Images

Recording on 2G SD Card

Code	D0122MW
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- Colour CMOS wireless camera
- 20 x IR LED, night vision up to 15m
- Motion detection function
- Record AVI video files or JPG photo images
- A 128MB card (not included) can store over 2000 images or 2500 seconds of AVI videos
- Supports up to 32GB SD card



SECURITY

**3 Year
Warranty!**

WHILE STOCKS LAST

IP67 SUNELL IP RANGE

Code	SN-IPV54/03ZDR	SN-IPR54/11APDN	SN-IPR54/03AQDN
Description	Mini vandalproof dome camera with IR LED. With Mechanical ICR, Micro SD memory slot, fixed lens 3.6mm, 1pcs superflux IR LED for 6meters IR distance, 3 Axis movement internal design, DC12V/PoE	New design Compact Full HD IP WDR Nightvision Bullet Cam with IR LED with Mech ICR, Service BNC output, Micro SD mem slot, Varifocal lens 3.3-12mm, 15pcs superflux IR LED for 30 meters IR dist, Waterproof IP67 , Ext zoom & focus adjust, 3 Axis cable management bracket, DC12V/PoE	Mini IR bullet camera with Mechanical ICR, Fixed lens 3.6mm, 3pcs superflux IR LED for 15meters IR distance, 3 Axis cable management bracket, DC12V/PoE
Code	SN-IPV54/31ZDR	SN-IPV54/11UDN	SN-IPV54/11UDR
Description	Day / Night Mini vandell proof camera. 1pcs superflux IR LED for 10m. 3.6mm fixed Mega pixel lens IR coated. 3MP / 2048 x 1536 / 30fps resolution. 3 axis movement. 12VDC / 335mA (IR on). Audio 1 x RCA for input / output. 1 x RJ45 Ethernet 10/100 base. Weather Proof IP66 / IK10	Day / Night Vandell proof camera. Requires external IR lighting. 2.8-12mm Vari-Focal lens auto iris. 1.3MP / 1280 x 720 / 30fps resolution. 3 axis movement. 12VDC / 300mA (IR on) / PoE. Micro SD Slot. Audio 1 x RCA for input / output. 1 x RJ45 Ethernet 10/100 base. Weather Proof IP66 / IK10	Day / Night Vandell proof camera. 15pcs superflux IR LED for 15m. 2.8-12mm Vari-Focal lens auto iris. 1.3MP / 1280 x 720 / 30fps resolution. 3 axis movement. 12VDC / 520mA (IR on) / PoE. Micro SD Slot. Audio 1 x RCA for input / output. 1 x RJ45 Ethernet 10/100 base. Weather Proof IP66 / IK10
Code	SN-IPR54/40APDN	SN-IPR54/11AKDN	SN-IPR54/31AKDN
Description	Day / Night Bullet camera ICR filter. 15pcs superflux IR LED for 25m. 3.3-12mm Vari-Focal lens auto iris. 1.3MP / 2592 x 1920 / 10fps resolution. 12VDC / 560mA (IR on). Audio 1 x RCA for input / output. 1 x RJ45 Ethernet 10/100 base. Weather Proof IP66 / IK5	Day / Night Network Bullet camera ICR filter 17pcs IR LED for 40-50m. 3.3-12mm Vari-Focal lens auto iris, 1.3MP / 1280 x 720 / 30fps resolution. 12VDC PoE (11W). Audio 1 channel input / 1 channel output 1 x RJ45 Ethernet 10/100 base Weather Proof IP66	Day / Night WDR Network Bullet camera ICR filter. 17pcs IR LED for 30-40m 3.3-12mm Vari-Focal lens auto iris 3MP / 2048 x 1536 / 20fps resolution 12VDC PoE (11W). Audio 1 channel input / 1 channel output. 1 x RJ45 Ethernet 10/100 base. Weather Proof IP66
Code	SN-IPR54/11ALDN		SN-IPR54/14ALDN
Description	Outdoor vandalproof eyeball dome camera with IR LED, 720P, with Mechanical ICR, Service RCA output, Micro SD memory slot, Varifocal lens 8-12mm, 15pcs superflux IR LED for 30 meters IR distance, Waterproof IP67 , External zoom & focus adjustment, DC12V/PoE		Outdoor vandalproof eyeball dome camera with IR LED, 1080P, with Mechanical ICR, Service RCA output, Micro SD memory slot, Varifocal lens 8-12mm, 15pcs superflux IR LED for 30 meters IR distance, Waterproof IP67 , External zoom & focus adjustment, DC12V/PoE

NEW

NETWORK (IP) EQUIPMENT IP67

Smart Camera Features: LineCross, Intrusion & Unattended Baggage Detection, Face Detection

	Short Range Bullet Cameras - 15m			Long Range Bullet Camera - 50m+	
Power Supply: 12VDC/POE 120dB WDR					
Code	DS-2CD2025FWD-I	DS-2CD2045FWD-I4	DS-2CD2045FWD-I	DS-2CD2T25FWD-I8	
Description	2MP Infrared Network Bullet Camera 4mm fixed lens Up to 30m IR distance	4MP Infrared Network Bullet Camera 4mm fixed lens Up to 30m IR distance	4MP Infrared Network Bullet Camera 6mm fixed lens Up to 30m IR distance	2MP Ultra Low Light Network Bullet Camera 6mm fixed lens Up to 80m IR distance	
	Long Range Bullet Cameras - 50m+		Varifocal Bullet Cameras		
Power Supply: 12VDC/POE 120dB WDR					
Code	DS-2CD2T45FWD-I8	DS-2CD2625FWD-IZS	DS-2CD2645FWD-IZS		
Description	4 MP EXIR Long Range Network Bullet Camera 6mm fixed lens Up to 80m IR range	2MP Infrared Varifocal Network Bullet Camera 2.8 - 12mm motorised lens Up to 50m IR distance Audio I/O, Alarm I/O	4MP Infrared Varifocal Network Bullet Camera 2.8 - 12mm varifocal lens Up to 50m IR distance Audio I/O, Alarm I/O		
	Varifocal Bullet Cameras		Varifocal Smart Bullet Cameras		Traffic & Number Plate Recognition
Power Supply: 12VDC/POE 120dB WDR					Traffic Application
Code	DS-2CD2655FWD-IZS	DS-2CD4B26FWD-IZS	DS-2CD4A26FWD-IZS/P	DS-2CD4A26FWD-IZS/P	
Description	5MP Infrared Varifocal Network Bullet Camera 2.8 - 12mm motorised lens Up to 50m IR distance Audio I/O, Alarm I/O	2MP Dark Fighter Smart Network Bullet Camera 2.8 - 12mm motorised lens Up to 30m IR distance Audio I/O, Alarm I/O	2MP Dark Fighter Smart ANPR Network Bullet Camera 8 - 32mm motorised lens Up to 50m IR distance Audio I/O, Alarm I/O	2MP Dark Fighter Smart ANPR Network Bullet Camera 8 - 32mm motorised lens Up to 50m IR distance Audio I/O, Alarm I/O	
	Fixed Lens Dome Cameras		Mini Dome Cameras		
Power Supply: 12VDC/POE 120dB WDR					
Code	DS-2CD2125FWD-I	DS-2CD2145FWD-IS	DS-2CD2525FWD-IS	DS-2CD2545FWD-IS	
Description	2MP Infrared Network Dome Camera 2.8mm fixed lens Up to 30m IR distance	4MP Infrared Network Dome Camera 2.8mm fixed lens Up to 30m IR distance Audio I/O, Alarm I/O	2MP Infrared Mini Dome Network Camera 2.8mm fixed lens Up to 10m IR distance Audio I/O, Alarm I/O	4MP Infrared Mini Dome Network Camera 2.8mm fixed lens Up to 10m IR range Audio I/O, Alarm I/O	
	Varifocal Dome Cameras				
Power Supply: 12VDC/POE 120dB WDR					
Code	DS-2CD2725FWD-IZS	DS-2CD2745FWD-IZS	DS-2CD2755FWD-IZS		
Description	2MP Infrared Varifocal Network Dome Camera 2.8 - 12mm fixed lens Up to 30m IR range Audio I/O, Alarm I/O	4MP Infrared Varifocal Network Dome Camera 2.8 - 12mm varifocal lens Up to 30m IR range Audio I/O, Alarm I/O	5MP Infrared Varifocal Network Dome Camera 2.8 - 12mm motorised lens Up to 30m IR range Audio I/O, Alarm I/O		









WHILE STOCKS LAST

WHILE STOCKS LAST

SECURITY

NEW

NETWORK (IP) EQUIPMENT

			Audio & Alarm I/Os 	
Code	DS-2DE4220IW-DE	DS-2DF8225IX-AEL	DS-2DE5220IW-AE	DS-2TD2166-15
Description	Outdoor 2MP IR DWDR PTZ Network Dome camera 3D Intelligent positioning 20 x Optical zoom IR range 100m 4.7-94mm Focal length	Outdoor 2MP Ultra low light PTZ Network Dome camera Smart tracking 25 x Optical zoom IR range 200m 5.7-142.5mm Focal length	Outdoor 2MP Ultra low light PTZ Network Dome camera 3D Intelligent positioning 20 x Optical zoom IR range 150m 4.7-94mm Focal length	Resolution 640 x 512P Thermal Network Camera Behaviour Analysis Fixed Lens IR range Dependant upon Target 15mm Focal length
Camera Brackets				
Code	DS-1275ZJ	DS-1602ZJ-COR	DS-1602ZJ-POLE	DS-1662ZJ
Description	Vertical pole mount bracket Stainless Steel clamps Aluminium mounting board	Corner mount bracket For PTZ Dome cameras Hikvision White Aluminium alloy and steel	Vertical pole mount bracket Hikvision White Aluminium alloy and steel	Pendant mount bracket For PTZ Dome cameras Size: 116.5 x 500mm Aluminium alloy and steel

Network Keyboard Controller



Code	DS-1100KI
Power Supply	12VDC
Consumption	≥ 15W
Size (mm)	435 x 193 x 110
Weight	2Kg
Audio	In: 1 x 3.5mm connector (2V P-P) Out: 1 ch, 3.5mm connector (Linear 560Ω)
Communication	1 x 10/100M network Ethernet 1 x USB 2.0 (Data & software upgrade) 1 x RS232 1 x RS485

Features

- 172mm(7") TFT touch screen display at 800x480 resolution
- 4-axis joystick control
- Live / playback video on screen at up to 1080 resolution
- Compatible with NVR/DVR/DVS, Matrix, Network cameras
- Macro command operation
- Display of decoded video on monitor or video wall
- Shortcut keys for camera setting and pattern control, playback operation, input / output groups, wiper and light control
- 1 channel video for decoding local live view
- Capture and recording to local U-flash disk
- Support for 3 operators (each allowed 1280 devices)
- Support for configuration by WEB server
- Keyboard configuration tool
- Configuration and control of MVC system
- Control up to 255 analogue domes by RS485

USB Keyboard Controller



Code	DS-1005KI
Power Supply	5VDC
Consumption	≥ 5W
Communication	USB
Size (mm)	167 x 1778 x 116

Features

- Power supply and communications by USB port
- 3D PTZ control and 2 joystick buttons
- Up to 15 programmable buttons are available
- Supports digital tube to display the input content
- Supports indicators to show operation status
- Supports various client software platforms for Window switching, PTZ control, Picture capture, Recording Supports USB HID protocol
- Supports USB HID protocol
- Compatible with Windows XP/ 7 / 8

NEW

NETWORK VIDEO RECORDERS

Digital Video Recorders				
Code	DS-7608NI-K2	DS-7608NI-K2/8P	DS-7616NI-K2	DS-7616NI-E2/8P
Description	8 Channel Embedded NVR Up to 8mp resolution recording VGA Output at up to 1920x1080p resolution HDMI output up to 4K resolution Up to 2 SATA interfaces	8 Channel Embedded Plug & play NVR. 8 Independent PoE network interfaces. 80Mbps record bandwidth. VGA output up to 1920x1080p resolution HDMI output up to 4K resolution	16 Channel Embedded NVR Up to 8MP resolution recording 160Mbps record bandwidth VGA output up to 1920x1080p resolution HDMI output up to 4K resolution	16 Channel Embedded Plug & play NVR. 8 Independent PoE network interfaces Incoming bandwidth: 160Mbps/ Out 80Mbps. HDMI/VGA output up to 1920x1080p resolution Up to 2 SATA interfaces
Code	DS-7732NI-I4	DS-7732NI-I4/16P	DS-9664NI-I8	BLAZER PRO/256/16H
Description	32 Channel High End Embedded NVR. Bandwidth (In/Out): 256/256Mbps. Up to 12MP resolution recording VGA output to 1920x1080p resolution. Alarm I/O ; Hard disk	32 Channel High End Embedded NVR with PoE 16 Independent PoE network interfaces. Up to 12MP resolution recording. 300m Extended PoE support. Alarm I/O	64 Channel Professional Embedded NVR. Incoming / Outgoing bandwidth: 320/256Mbps Hard disk : 8 SATA interfaces (with expansion bracket) HDMI 1 output at 4K & VGA 1 output at 2K res. HDMI 2/ VGA 2 output resolution @1080p	16 Channel 720p HD-TVI tURBO DVR. 8 Channel 720p HD-TVI/Turbo DVR. Full channel recording, up to 1080p resolution 1- Channel Audio in/output Hard disk : 2 SATA interfaces, 6TB Compliant

WHILE STOCKS LAST

SUNELL IP NVR

<p>3 Year Warranty!</p>	2HDD POE NVR	2HDD POE NVR	4HDD NVR
Code	SN-NVR/NSEP4	SN-NVR/NSEP8	SN-NVR/016NS
Recording	4Ch Up to 1080P	8Ch Up to 1080P	16Ch Up to 1080P
Playback	4ch 1080p/720p/D1	4ch 1080p/720p or 8ch D1	4ch 1080p/720p or 16ch D1
HDD	2	2	4
FPS	25	25	25
USB	4.5Mbps for 1080P	4.5Mbps for 1080P	4.5Mbps for 1080P
Power	DC12V, DC48V	AC110/220V, 47-63Hz	AC110/220V, 47-63Hz
Size (mm)	150 x 100 x 215	372 x 44.45 x 305	372 x 44.45 x 305

NEW



Wired IP Camera Kits

Code	Description
SN-KIT4/3ZDR	• NVR Kit 4ch 1080p • 4ch PoE • With 1x1TB HDD + 4x720p IR Dome cameras fixed lens (HDD incl.)
SN-KIT4/03AQZD	• NVR Kit 4ch 1080p • 4ch PoE • With 1x1TB HDD + 2x720p IR Bullet cameras fixed lens and 2x720p IR. Dome cameras fixed lens (HDD included)

SECURITY

SEAGATE HARD DRIVES MONITORS



Seagate SV35 Security Hard Drives

Code	Description
ST1000/1TB	1TB hard drive
ST2000/2TB	2TB hard drive
ST3000/3TB	3TB hard drive
ST4000/4TB	4TB hard drive
ST6000/6TB	6TB hard drive
ST8000/8TB	8TB hard drive

- 24 Hour Running Capacity
- Serial ATA Drive




Code	COMP SCREEN 21.5	COMP SCREEN 23
Description	21.5"	23"



POE SWITCHES

Unmanaged PoE Fast Ethernet Switches

		
Code POE-1009-8P	Code POE-2018-16P	Code POE-2026-24P
Desc. • 125W • 9 RJ-45 With 8 PoE ports • 10/100M • IEEE802.3af (15.4w)	Desc. • 250W • 18 RJ-45 With 16 PoE Ports • 10/100M • IEEE802.3af (15.4w)	Desc. • 370W • 26 RJ-45 with 24 PoE Ports • 10/100M • IEEE802.3af (15.4w)

Unmanaged PoE Gigabit Switches

		
Code POE-2609-8P	Code POE-2618-16P	Code POE-2626-24P
Desc. • 125W • 9 RJ-45 With 8 ports PoE • 10/100/1000m • IEEE802.3af (15.4w)	Desc. • 250W • 18 RJ-45 With 16 PoE Ports • 10/100/1000M • IEEE802.3af (15.4w)	Desc. • 250W • 26 RJ-45 with 24 PoE Ports • 10/100/1000M • IEEE802.3af (15.4w)

Web Smart Managed PoE Switches

	
Code POE-2218-16P	Code POE-2226-24P
Desc. • 250W • 16 RJ-45 + 2 1000M Combo With 16 PoE Ports • 10/100M • IEEE802.3af (15.4w)	Desc. • 370W • 24 RJ-45 + 2 1000M Combo With 24 PoE Ports • 10/100M • IEEE802.3af (15.4w)

ProSafe & Gigabit Smart PoE Switches

Code	Description
FS728TP	24 port ProSafe 24 Port 10/100 Smart Switch with 4 Gigabit Ports and 24 PoE Ports (195W)
FS728TLP	24 port ProSafe 24 Port 10/100 Smart Switch with 2 dedicated Gigabit Ports and 12 PoE ports (195W)
GS110TP	8 port 10/100/1000 Gigabit Smart managed 8 Port PoE Switch (46W) 2 x SFP slots for fiber
GS728TP	24 port 10/100/1000 Gigabit Smart managed 24 Port PoE Switch (192W) 4 x SFP slots for fiber
GS724TPV2	24 port 1000 Base-T Pro Smart POE managed switch 190W 2 Port 1000 Base-X Fibre SFP



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