



Product Catalogue February 2010

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Digital Recording

Digital video recording is an increasingly popular method of recording CCTV footage. It has a number of clear advantages over the traditional analogue systems including greater storage capacity, improved quality of recording, ease of viewing and the retrieval, transfer and storage of footage. In addition, some of the digital systems can be viewed over the internet through a remote PC and 3G mobile phones from anywhere in the world. Our range includes a wireless DVR, a standard 4 channel DVR and also the next generation H.264 recorders that are available in 4, 8, 9 and 16 channel versions. All have USB ports for easy back-up or transfer of CCTV footage

Wireless




	<p>Wireless Digital Monitoring and Recording System with 64MB Memory, 3.6" LCD and Day Night Camera CMS1500</p> <p>Extremely portable and self-contained wireless and digital CCTV monitoring and recording system – ideal for use as a baby monitor. Colour LCD screen (3.6") has built in receiver / switcher that allows connection of up to 3 cameras. 64MB internal memory for direct recording and SD slot for upto 2GB external memory. AV input allows playback from portable devices and USB interface enables back-up onto a PC. Audible warning alert with volume control .Manual or automatic switching between cameras. Camera is weatherproof with a built-in microphone, 5m PIR movement detection (triggers automatic recording) and IR illumination of up to 4m. 1/4" CMOS image sensor, 3.6mm lens, 300TVL, 78° viewing angle. System supplied with 1 x camera, 1 x Digital recorder / LCD screen, 1 x power supply, USB and AV leads.</p>
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M-Jpeg and M-peg4

	<p>4-Channel Digital Video Recorder with Video Motion Detection, 250GB Hard Drive & Remote Control DVR4E DVR4EV (with VGA Output)</p> <p>A simple to operate entry level 4-channel DVR with 250GB Hard drive and remote control. Features include video motion detection; manual, scheduled or continuous recording modes; single channel audio, on-screen time and date display; digital quick search; quad or single channel display, duplex operation, password protection and USB port for back-up to a USB memory stick.</p>
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H.264 Next Generation DVRs

Record up to 300% more footage compared to an M-Peg4 DVR

	<p>4-Channel DVR with Remote Access (including via 3G mobile phones), Video Motion Detection, USB Port, VGA Output & 250GB Hard Drive DVR4H</p> <p>4 channel H.264 DVR with LAN connection, 250GB hard drive and remote control. Features include video motion detection; manual, scheduled or sensor triggered recording modes; network connection for email alerts, remote viewing / recording via PC or 3G mobile phone; USB port enables event copying and backup to either a USB memory stick, an external DVD writer or an external hard drive; single channel audio recording; on-screen time and date display; digital quick search; alarm input and output, quad or single channel display, hexaplex operation, password protection; watermarking feature for anti-tampering; zoom facility for live and recorded images; single internal hard drive bay. Maximum capacity 1TB total.</p>
	<p>8-Channel DVR with Remote Access (including via 3G mobile phones), Video Motion Detection, USB Port, VGA Output & 250GB Hard Drive DVR8H</p> <p>8 channel H.264 DVR with LAN connection, 250GB hard drive and remote control. Features include video motion detection; manual, scheduled or sensor triggered recording modes; network connection for email alerts, remote viewing / recording via PC or 3G mobile phone; USB port enables event copying and backup to either a USB memory stick, an external DVD writer or an external hard drive; two channel audio recording; on-screen time and date display; digital quick search; alarm input and output, quad or single channel display, hexaplex operation, password protection; watermarking feature for anti-tampering; zoom facility for live and recorded images; single internal hard drive bay. Maximum capacity 1TB total.</p>
	<p>9-Channel DVR with VGA Output, Remote Access (including via 3G mobile phones), Video Motion Detection, USB Port, VGA Output & 500GB Hard Drive DVR9H DVR9H-D (with DVD writer option)</p> <p>16-Channel DVR with VGA Output, Remote Access (including via 3G mobile phones), Video Motion Detection, USB Port, VGA Output & 500GB Hard Drive DVR16H DVR16H-D (with DVD writer option)</p> <p>9 or 16 channel H.264 DVR with VGA Output, LAN connection, 500GB hard drive and remote control. Features include video motion detection; manual, scheduled or sensor triggered recording modes; network connection for email alerts, remote viewing / recording via PC or 3G mobile phone; USB port enables event copying and backup to either a USB memory stick, an external DVD writer or an external hard drive; four channel audio recording; on-screen time and date display; digital quick search; alarm input and output, sixteen, nine, four or single channel display, hexaplex operation, password protection; watermarking feature for anti-tampering; zoom facility for live and recorded images; single internal hard drive bay with maximum capacity of 2TB. Removable caddy allows extra expansion for either 1 x hard drive or 1 x DVD writer.</p>


DVR Kits

Standard 4 channel DVR kits with 4 cameras, 20 metres of cable with each camera, connectors and power supplies



	<p>1 x DVR4E + 4 x VPCDN2 Day Night Camera Kits - (includes 4 x 20m leads and power supply) <u>DVR4EKIT11</u> (DVR4EVKIT11 – with VGA output option)</p>
	<p>1 x DVR4E + 4 x ECD150 Day Night Dome Camera Kits - (includes 4 x 20m leads and power supply) <u>DVR4EKIT12</u> (DVR4EVKIT12 – with VGA output option)</p>
	<p>1 x DVR4E + 2 x VPCDN2 and 2 x ECD150 Dome Camera Kits - (includes 4 x 20m leads and power supply) <u>DVR4EKIT13</u> (DVR4EVKIT13 – with VGA output option)</p>
<p>Complete digital recording system consisting of a 4-channel DVR with remote control and 4 x CCD day night cameras. Supplied with 250GB hard drive, 20m cable and connectors per camera and power supplies. Features include video motion detection; manual and scheduled recording modes; USB port for copying / backup straight to a USB memory stick; duplex operation; on-screen time and date display; digital quick search; password protection</p>	

PCI Video Capture Cards

Digital recording using your existing PC. The cards fit into a PCI slot and the cameras connect to the card with BNC connectors. PC System requirements (minimum): Windows 2000/XP/Vista, Intel P4 1.5GHz, 512MB RAM, 80GB HDD (recommended), nVidia GeForce2 MX200 32M (or better).

	<p>Digital Video PCI Card <u>DVC3004</u> – (4 channel) <u>DVC3008</u> – (8 channel) <u>DVC3016</u> – (16 channel)</p> <p>Digital video surveillance using your PC's hard drive for recording. View locally or over the internet. Features include automatic event recording and generating email alerts to any remote PC.</p> <ul style="list-style-type: none"> • Connect up to 4, 8 or 16 cameras • Single or multiple screen display modes • Video motion detection - record only when movement is detected • Manual, scheduled or sensor triggered recording modes also available • Records at up to 25 frames/second (DVC3004) or 100 frames/second (DVC3008 and DVC3016) • Generates email alerts to any remote PC • 5 levels of recording quality available • Supports multi channel playback, search by time / date and recording events • Zoom, capture, print, save or backup recorded images • Supports remote surveillance & backup, PTZ control via a web browser & dynamic domain name • Warning alerts for video loss & HDD space shortage • Configurable auto reboot and watchdog function for preventing PC deadlock • Supplied complete with software and installation instructions • Fully compatible with all Voltek cameras that can be fitted using a BNC connector
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CCTV Monitors

	<p>CCTV Monitor <u>MON10</u> – (10" TFT) <u>MON15</u> – (15" TFT) <u>MON17</u> – (17" TFT) <u>MON19</u> – (19" TFT)</p> <p>State of the art TFT LCD monitor designed for CCTV applications. Multiple video inputs including BNC, composite phono and VGA. Connect and use with CCTV cameras and equipment, PC, and / or DVD players. Integrated stereo speakers, on-screen-display. Supplied complete with remote control, stand and power supply.</p>
	<p>AV to VGA Signal Converter <u>AV-VGA</u></p> <p>Allows a standard PC monitor to be used as a CCTV monitor by converting the AV signal (from the camera or DVR) to a VGA signal</p>



Bullet Cameras

Slim, stylish and robust, bullet cameras are ideal for professional surveillance applications. Our range is available in a variety of specifications. When purchased as kits, the cameras are supplied with 20m cable and power supply.




Bullet Cameras - Slimline

	<p>Colour CMOS Bullet Camera <u>ECB2</u> <u>ECB2KIT</u></p> <p>Bullet camera with built-in microphone. Weatherproof enclosure. 1/3" CMOS image sensor, 4.3mm lens, 360TVL, 78° viewing angle.</p>
	<p>Colour CCD Bullet Camera <u>ECB3</u> <u>ECB3KIT</u></p> <p>Bullet camera with built-in microphone. Weatherproof enclosure. 1/3" CCD image sensor, 3.6mm lens, 330TVL, 90° viewing angle.</p>
	<p>B&W CCD Bullet Camera - Wide Angle <u>EBH1033</u> <u>EBH1033KIT</u></p> <p>170 degree wide angle bullet camera. Weatherproof enclosure. 1/3" CCD image sensor, 2.2mm lens, 400TVL, 170° viewing angle.</p>
	<p>Colour CCD Bullet Camera - Wide Angle <u>ECH3033</u> <u>ECH3033KIT</u></p> <p>170 degree wide angle bullet camera. Weatherproof enclosure. 1/3" CCD image sensor, 2.2mm lens, 380TVL, 170° viewing angle.</p>

Bullet Cameras - Wireless

	<p>Colour Wireless Bullet Camera & Transmitter <u>CTR261</u></p> <p>Colour wireless bullet camera and transmitter. Camera with built-in microphone and weatherproof enclosure. 1/3" CCD image sensor, 3.6mm lens, 330TVL, 90° viewing angle . Complete with power supply. Note – Transmitter is to be located internally.</p>
	<p>Three Channel Wireless Camera Receiver & Switcher <u>CRS200</u></p> <p>Simply plugs into the scart or phono socket of your TV/VCR and enables you to receive pictures from up to 3 cameras. Warning buzzer with adjustable volume control. Audio input available on all 3 channels.</p>





Bullet Cameras – Colour Day Night

	<p>Day Night CCD Camera – High Resolution with Super HAD Sony Image Sensor <u>VPCDN1</u> <u>VPCDN1KIT</u></p> <p>Professional high resolution colour day night camera with high intensity LEDs for IR illumination (up to 15m). 1/3" CCD image sensor, 4.3mm lens, 520TVL, 78° viewing angle .</p>
	<p>Day Night CCD Camera <u>VPCDN2</u> <u>VPCDN2KIT</u></p> <p>Professional colour day night camera with IR illumination (up to 10m). 1/4" CCD image sensor, 4mm lens, 420TVL, 78° viewing angle.</p>
	<p>Day Night CCD Camera - Long Range IR with Varifocal Lens and Super HAD Sony Image Sensor <u>VPCDN3</u> <u>VPCDN3KIT</u></p> <p>Professional colour day night camera with long range IR illumination (up to 25m). Ideal for monitoring over greater distances. 1/3" CCD image sensor, 4-8mm varifocal lens, 380TVL, 80-30° viewing angle.</p>





Dome Cameras

Dome cameras are more aesthetic than other CCTV cameras and ideal for ceiling mount applications. Once fixed in position they can easily be rotated manually to carry out surveillance of a selected area. The shape of the enclosure can also help to disguise the specific area being viewed by the lens. Our range includes both internal and external cameras as well as robust vandal resistant models. When purchased as kits, the cameras are supplied with 20m cable and power supply.



Dome Cameras - Internal

	<p>B&W CCD Mini Dome Camera <u>EBD1050</u> <u>EBD1050KIT</u></p> <p>Mini Dome camera with built-in microphone. 1/4" CCD image sensor, 3.6mm lens, 380TVL, 92°viewing angle.</p>
	<p>Colour Dome DVR Camera <u>ECD50</u> <u>ECD50KIT</u></p> <p>Dome camera. With built-in microphone. 1/4" CCD image sensor, 4mm lens, 420TVL, 78°viewing angle.</p>
	<p>Day Night Dome Camera – Long Range IR <u>ECD140</u> (ECD140W – in white enclosure) <u>ECD140KIT</u> (ECD140WKIT – in white enclosure)</p> <p>Dome camera with long range IR illumination (up to 25m). Plastic enclosure. 1/4" CCD image sensor, 3.6mm lens, 420TVL, 70°viewing angle.</p>
	<p>High Resolution colour CCD Dome Camera with Varifocal Lens <u>ECD200</u> (ECD140W – in white enclosure) <u>ECD200KIT</u> (ECD140WKIT – in white enclosure)</p> <p>High resolution dome camera with Sony super HAD sensor. Auto electronic shutter, auto white balance, auto gain control and backlit compensation. 1/3" CCD image sensor, 3.5mm-8mm varifocal lens, 550TVL, 70°-30°viewing angle.</p>

Dome Cameras - External Vandal Resistant Colour Day Night

	<p>Vandal Resistant Day Night Dome Camera - Long Range IR <u>ECD150</u> <u>ECD150KIT</u></p> <p>Vandal resistant dome camera with long range IR illumination (up to 25m). Weatherproof enclosure. 1/4" CCD image sensor, 3.6mm lens, 420TVL, 70°viewing angle.</p>
	<p>Vandal Resistant Day Night Dome Camera – Vari-focal Lens <u>ECD160</u> <u>ECD160KIT</u></p> <p>Vandal resistant dome camera with varifocal lens and long range IR illumination (up to 25m). Weatherproof enclosure. 1/3" Sony CCD image sensor, 4.-0-9.0mm manual varifocal lens, 420TVL, 70-25°viewing angle.</p>
	<p>External Vandal Resistant Day Night Dome Camera - 4mm Lens <u>ECD5004</u> <u>ECD5004KIT</u></p> <p>Vandal resistant dome camera with IR illumination (up to 15m). Weatherproof enclosure. 1/4" CCD image sensor, 4mm lens, 420TVL, 70°viewing angle</p>
	<p>External Vandal Resistant Day Night Dome Camera - 8mm Lens <u>ECD5008</u> <u>ECD5008KIT</u></p> <p>Vandal resistant dome camera with IR illumination (up to 15m). Weatherproof enclosure. 1/4" CCD image sensor, 8mm lens, 420TVL, 50°viewing angle, 360°/180° Pan/Tilt range</p>





Dome Cameras – Hi-Speed PTZ

	<p>Mini Speed Dome Colour PTZ Camera <u>VHR80</u></p> <p>Mini speed dome camera with 3 x optical zoom, auto focus and auto iris. Weatherproof enclosure, 1/4" CCD Sony image sensor, 4mm-12mm motorised lens, 420TVL, 78-25°viewing angle</p>
	<p>Hi-Speed 22x Dome Colour PTZ Camera <u>VHR100</u></p> <p>Hi-speed dome camera with 22 x optical zoom, high speed auto focus and auto iris. Weatherproof enclosure, 1/4" CCD Sony Super HAD image sensor with DSP, 3.9mm-85.9mm motorised optical zoom lens, 480TVL, 60-25°viewing angle, 360°/90° Pan/Tilt range</p>





Body Cameras

Body cameras have robust and traditional shaped enclosures that are ideal for commercial premises where they provide a very visual deterrence. When purchased as kits, the cameras are supplied with 20m cable and power supply.

Body Cameras - Internal

	<p>Colour Body Camera <u>VPC606</u> <u>VPC606KIT</u></p> <p>Colour CCD camera with manual focus lens. 1/4" CCD image sensor, 6mm lens, 380TVL, 52° viewing angle.</p>
	<p>Colour Day Night Body Camera <u>VPC700</u> <u>VPC700KIT</u></p> <p>Day Night CCD camera with varifocal lens. IR illumination of up to 15m. 1/3" CCD image sensor, 3.5-8mm lens, 420TVL, 90-30° viewing angle.</p>
	<p>Colour Day Night Body Camera with Microphone <u>VPC800</u> <u>VPC800KIT</u></p> <p>Day Night CCD camera with varifocal lens and built-in microphone. . IR illumination of up to 15m. 1/3" CCD image sensor, 3.5-8mm lens, 420TVL, 90-30° viewing angle.</p>
	<p>Colour CCD Camera – High Resolution Sony Super HAD with DSP and 27 x Optical Motozoom <u>VHR30</u> <u>VHR30KIT</u></p> <p>High resolution colour CCD camera with varifocal lens. High speed 27 x optical Motozoom with high speed auto focus and auto iris. On-screen display with zoom and focus buttons on the camera for quick adjustments, RS485 control, Sony super HAD with DSP image sensor. 1/4" CCD image sensor, 3.9-105.3mm lens, 480TVL, 50-2° viewing angle.</p>



Body Cameras - External

	<p>Colour Day Night Body Camera - Long Range <u>VPCDN4-6mm</u> (VPCDN4-8mm for 8mm lens option) <u>VPCDN4-6mmKIT</u> (VPCDN4-8mmKIT for 8mm lens option)</p> <p>Professional day night camera with 6mm lens and long range IR illumination of up to 25m. Weatherproof enclosure ideal for commercial applications or where visual deterrence is required. 1/3" CCD image sensor, 6mm or 8mm lens option, 420TVL, 70° / 50° viewing angle.</p>
	<p>High Resolution Day Night CCD Camera - Long Range <u>VPCDN5</u> <u>VPCDN5KIT</u></p> <p>High resolution Sony super HAD professional day night camera with varifocal lens and 36 LEDs for up to 40m of night vision. Weatherproof enclosure ideal for commercial applications or where visual deterrence is required. 1/3" CCD image sensor, 3.5mm-8.0mm varifocal lens, 520TVL, 92° - 30° viewing angle.</p>
	<p>ProCam Camera with PIR, IR and Audio <u>1890</u> - (B&W) <u>1899</u> - (Colour Day Night)</p> <p>A high quality B&W CCD camera with 10m PIR movement detection, IR illumination of up to 6m and built-in microphone. Housed in a robust metal enclosure for visible deterrence. 1/3" CCD image sensor, 3.6mm lens, 420TVL, 92° viewing angle. Supplied as a kit with 20m cable and power supply. Note – 1899 is 4.3mm lens and 78° viewing angle</p>
	<p>Colour Day Night Camera with 80m IR range – High Resolution Sony Super HAD with 27 x Optical Motozoom <u>VHR50</u> <u>VHR50KIT</u></p> <p>High resolution professional day night camera with varifocal lens and 66 LEDs for up to 80m of night vision. High speed 27 x optical Motozoom with high speed auto focus and auto iris. On-screen display and user interface, RS 485 control, Sony super HAD with DSP image sensor. Weatherproof enclosure ideal for commercial applications or where visual deterrence is required. 1/4" CCD image sensor, 3.9-105.3mm lens, 480TVL, 50-2° viewing angle.</p>





Spectrum CCTV Products

The Spectrum range provides everything you need for a versatile and professional CCTV system. The control units allow connection of up to 4 cameras and have built-in video activation and time and date display. All the cameras have quality CCD image sensors and are available in a range of styles and specifications.





Spectrum Control Unit / Camera Kits

	<p>Spectrum Control Unit SP400 – (4 Way)</p> <p>Simple to use control units for use with Spectrum cameras. Built in on-screen menu, automatic video activator, time and date stamp, event memory log and on-screen programming. Allows connection of up to 4 cameras</p>
	<p>Spectrum Control Unit with 1 Camera SP420 - (B&W) SP421 - (Colour)</p> <p>Complete cctv kit including 1 x PIR camera with IR illumination (upto 4m). The control unit will accommodate upto 4 cameras; activate video recording and display time and date.</p>

Additional Cameras for the Spectrum System (all with a 20m lead)

	<p>Spectrum Guardsman Camera SP10 - (B&W) SP11 - (Colour)</p> <p>High quality external CCD cameras with a remote PIR input and built-in microphone. Designed to be used with the Spectrum control unit. 1/3" CCD image sensor, 3.6mm lens, 420TVL, 92°viewing angle. Supplied with 20m cable and connectors. Note – SP11 is ¼" CCD and 78°viewing angle</p>
	<p>Spectrum Camera SP20 - (B&W) SP21 - (Colour Day Night)</p> <p>High quality external CCD cameras with 10m PIR movement detection, IR illumination of up to 4m and built-in microphone. Designed to be used with the Spectrum control unit. 1/3" CCD image sensor, 3.6mm lens, 420TVL, 92°vie wing angle. Supplied with 20m cable and connectors. Note – SP21 is 4.3mm lens and 78°viewing angle</p>
	<p>Spectrum Chameleon Camera SP30 - (B&W) SP31 - (Colour)</p> <p>Covert camera with built-in microphone for use with the Spectrum control units only. Designed to look like a PIR sensor this is for indoor use only. 1/3" CCD image sensor, 3.7mm lens, 420TVL, 70°viewing angle. Supplied with 20 m cable and connectors.</p>
	<p>Spectrum ProCam Camera SP40 - (B&W) SP41 - (Colour Day Night)</p> <p>A high quality B&W CCD camera with 10m PIR movement detection, IR illumination of up to 6m and built-in microphone. Designed to be used with the Spectrum control unit. Housed in a robust metal enclosure for visible deterrence. 1/3" CCD image sensor, 3.6mm lens, 420TVL, 92°viewing angle . Supplied with 20m cable and connectors. Note – SP41 is 4.3mm lens and 78°viewing angle</p>

Accessories for the Spectrum System



	<p>Spectrum Wideband Modulator SP3</p> <p>Allows Spectrum cameras to be connected to the aerial input of TV/VCR if a scart socket is unavailable. Can also be connected into a distribution point for viewing on other TVs</p>
	<p>Spectrum TV/VCR Scart Interface SP4</p> <p>The unit has dual video output that allows both the VCR to start recording when the camera detects movement and the TV to show the camera picture</p>
	<p>Spectrum Alarm Output Module SP5</p> <p>Provides a relay output with an adjustable timer so that you can connect the Spectrum system to peripheral equipment such as an auto-dialler time lapse VCR</p>
	<p>Spectrum Upgrade Kit SP6</p> <p>Upgrade any conventional CCTV camera to make it compatible with the Spectrum 4 way control units</p>

Wireless Cameras







Wireless cameras are ideal for speed of installation and where cabling is not desirable. The range includes domestic cameras for both internal and external use and is based on a 2.4GHz transmission frequency.

CMS Wireless System – 3 Channel


	<p>Wireless Colour LCD Monitor System CMS690</p> <p>Self contained portable wireless CCTV system – ideal for use as a baby monitor. 7" Colour monitor has built in receiver / switcher that allows connection of up to 3 cameras. Audible warning alert with volume control and 3 modes of operation – manual or automatic switching between cameras or scan mode (monitor in standby mode until an alarm is detected). Colour camera is weatherproof with a built-in microphone and 5m PIR movement detection, 1/4" CMOS image sensor, 3.6mm lens, 300TVL, 78° viewing angle. System supplied with 1 x colour camera, 1 x colour LCD monitor and 2 x power supplies.</p>
	<p>Wireless Colour Day Night LCD Monitor System CMS700</p> <p>Self contained portable wireless CCTV system – ideal for use as a baby monitor. 7" Colour monitor has built in receiver / switcher that allows connection of up to 3 cameras. Audible warning alert with volume control and 3 modes of operation – manual or automatic switching between cameras or scan mode (monitor in standby mode until an alarm is detected). Colour day night camera is weatherproof with a built-in microphone, 5m PIR movement detection and IR illumination of up to 4m. 1/3" CMOS image sensor, 4.3mm lens, 300TVL, 78° viewing angle. System supplied with 1 x colour day night camera, 1 x colour LCD monitor and 2 x power supplies.</p>
	<p>Wireless Colour Day Night Camera + 3 Channel Receiver CRS225 CRS226</p> <p>Receiver connects directly to the TV or VCR via the scart socket and allows connection of up to 3 cameras. Facility for manual or automatic switching between cameras. Colour camera is weatherproof with a built-in microphone, 5m PIR movement detection (10m for CRS226) and IR illumination of up to 4m (6m for CRS226). 1/3" CMOS image sensor, 4.3mm lens, 300TVL (420 TVL CCD image sensor for CRS226), 78° viewing angle. System supplied with 1 x colour day night camera, receiver and 2 x power supplies.</p>
	<p>Wireless Colour Day Night Portable Monitor System CMS1100</p> <p>Extremely portable and self contained wireless cctv system – ideal for use as a baby monitor. 2.5" colour LCD screen has built in receiver / switcher that allows connection of up to 3 cameras. Audible warning alert with volume control and 3 modes of operation – manual or automatic switching between cameras or scan mode (monitor in standby mode until an alarm is detected). Camera is weatherproof with a built-in microphone, 5m PIR movement detection and IR illumination of up to 4m. 1/3" CMOS image sensor, 4.3mm lens, 300TVL, 78° viewing angle. System supplied with 1 x colour day night camera, portable colour monitor and 2 x power supplies.</p>
	<p>Wireless Digital Monitoring and Recording System with 64MB NAND, 3.6" LCD and Day Night Camera CMS1500</p> <p>Extremely portable and self-contained wireless and digital CCTV monitoring and recording system – ideal for use as a baby monitor. Colour LCD screen (3.6") has built in receiver / switcher that allows connection of up to 3 cameras. 64MB internal memory for direct recording and SD slot for upto 2GB external memory. AV input allows playback from portable devices and USB interface enables back-up onto a PC. Audible warning alert with volume control. Manual or automatic switching between cameras. Camera is weatherproof with a built-in microphone, 5m PIR movement detection and IR illumination of up to 4m. 1/3" CMOS image sensor, 4.3mm lens, 300TVL, 78° viewing angle. System supplied with 1 x camera, 1 x Digital recorder / LCD screen, 1 x power supply, USB and AV leads.</p>
	<p>Three Channel Wireless Camera Receiver & Switcher CRS200</p> <p>Simply plugs into the scart or phono socket of your TV/VCR and enables you to receive pictures from up to 3 CA cameras. Warning buzzer with adjustable volume control. Audio input available on all 3 channels.</p>
	<p>7" Colour LCD Monitor with 3 Channel Receiver MON700</p> <p>For use with CA250, CA500DN and CA261 wireless cameras</p>
	<p>Wireless Colour Camera with PIR CA250</p> <p>Wireless colour camera for use with CRS200 receiver or as an additional camera for the CRS225/CRS226 systems. Weatherproof external camera has 5m PIR movement detection and a built-in microphone. 1/4" CMOS image sensor, 3.6mm lens, 300TVL, 78° viewing angle.</p>
	<p>Wireless Camera with PIR and IR LEDs CA500DN - (Colour Day Night)</p> <p>Wireless colour day night camera for use with the CRS receiver and with the CMS690 / CMS700 / CMS1100 / CMS1500 / CRS225 / CRS226 systems. Weatherproof external camera has 5m PIR movement detection, IR illumination of up to 4m and a built-in microphone. 1/3" CMOS image sensor, 4.3mm lens, 300TVL and 78° viewing angle.</p>
	<p>Wireless ProCam with PIR and IR LEDs CA260 - (B&W) CA261 - (Colour Day Night)</p> <p>High Quality Wireless CCD ProCam for use with the CMS244/CMS500 CRS225/CRS226 systems. Weatherproof external camera has 10m PIR movement detection, IR illumination of up to 6m and a built-in microphone. 1/3" CCD image sensor, 3.6mm lens, 420TVL, 90° viewing angle. Note – CA261 is 4.3mm lens and 78° viewing angle</p>

	<p>CA Camera 5m Extension Cable CA5EL</p> <p>5m camera extension lead. For use with the wireless "CA" cameras only</p>
	<p>Rechargeable Battery Pack BAT500</p> <p>Rechargeable battery pack for the CA500 range of wireless cameras</p>

CTR Wireless System – 3 Channel












	<p>Wireless Camera System CTR241 – (B&W with 4m IR illumination) CTR251 – (Colour)</p> <p>Wireless camera system including external weatherproof camera with built-in microphone, transmitter, 3 channel receiver and 2 power supplies. Receiver connects directly to the TV / VCR via the scart and can be used with up to 3 cameras. 1/4" CMOS image sensor, 3.6mm lens, 300TVL, 78° viewing angle.</p>
	<p>Additional Camera & Transmitter CTR242 – (B&W with 4m IR illumination) CTR252 – (Colour)</p> <p>An extra camera and transmitter designed to be used with either the CTR241 or CTR251 wireless camera systems when 2 or more areas need to be monitored. Cameras are weatherproof with a built-in microphone. 1/4" CMOS image sensor, 3.6mm lens, 300TVL, 78° viewing angle.</p>
	<p>Colour Wireless Bullet Camera & Transmitter CTR261 – (Colour)</p> <p>Wireless bullet camera and transmitter. Can be used with the CTR241 and CTR251 systems or the CTR240 four channel receiver. Camera is weatherproof for external use with a built-in microphone. . 1/4" CCD image sensor, 3.6mm lens, 330TVL, 78° viewing angle.</p>
	<p>Day Night Wireless Camera & Transmitter CTR262 - (Colour Day Night)</p> <p>High resolution day night wireless camera and transmitter. Can be used with the CTR241 and CTR251 systems or the CTR240 four channel receiver. Camera is weatherproof for external use with high intensity LEDs giving up to 15m night vision. 1/3" CCD image sensor, 4.3mm lens, 520TVL, 78° viewing angle.</p>
	<p>Three Channel Wireless Camera Receiver & Switcher CRS200</p> <p>Simply plugs into the scart or phono socket of your TV/VCR and enables you to receive pictures from up to 3 CA cameras. Warning buzzer with adjustable volume control. Audio input available on all 3 channels.</p>
	<p>Universal Transmitter for Voltek Wireless Cameras CTR250</p> <p>Sends camera pictures and sound wirelessly back to the receiver</p>

SC Wireless System – 4 Channel

	<p>Wireless Day Night Two Camera Kit SC6019KIT SC6019 - (additional camera)</p> <p>Wireless colour day night camera kit including 2 x weatherproof external cameras with IR illumination (up to 8m range), 4 channel receiver and 3 power supplies. Receiver connects directly to the TV / VCR via the scart / phono and can be used with up to 4 "SC" cameras. The camera has a built-in transmitter. 1/3" CMOS image sensor, 6mm lens, 380TVL, 52° viewing angle.</p>
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Domestic Security Cameras Kits

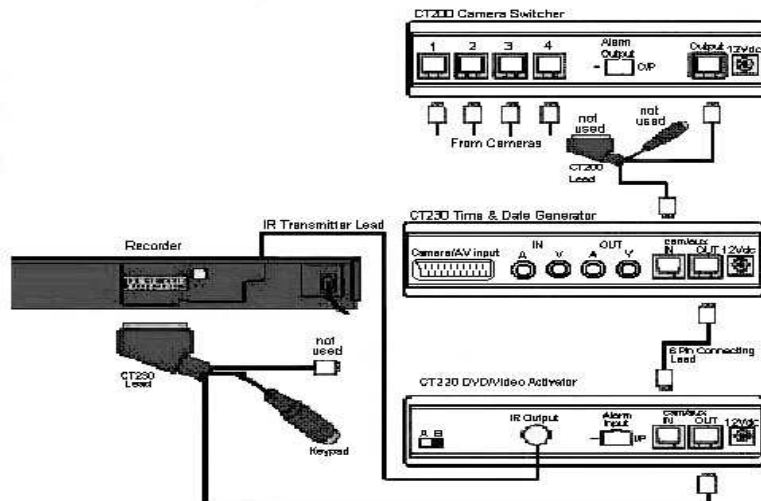
A range of CCTV cameras manufactured with robust yet discreet enclosures that make them ideal for domestic applications. Cameras are weatherproof and supplied as complete kits with 20m cable (unless otherwise stated). Key features include ease of installation and use, wide range of specifications, ability to expand to a multi-camera system and ability to extend camera cable runs up to 100m.

	<p>MicroCam CT100</p> <p>External B&W camera with built-in microphone. 1/4" CMOS image sensor, 3.6mm lens, 300TVL and 78° viewing angle. Supplied as a complete kit with 20m cable and 300mA PSU.</p>
	<p>MiniCam CT105</p> <p>External B&W camera with night vision and built-in microphone. 8 LEDs give upto 4m IR illumination. 1/4" CCD image sensor, 3.6mm lens, 380TVL and 78° viewing angle. Supplied as a complete kit with 20m cable and 300mA PSU</p>
	<p>ColourCam CT111</p> <p>External colour camera with built-in microphone. 1/3" CMOS image sensor with 3.6mm lens giving a resolution of 360TVL and a viewing angle of 78°. Supplied as a complete kit with 20m cable and 300mA PSU</p>
	<p>SuperCam1 CT120 - (B&W) CT121 - (Colour) CT122 - (Colour Day / Night with IR illumination)</p> <p>External cameras with built-in PIRs (upto 7m movement detection), microphone and audible alert. 1/3" CMOS image sensor, 4.3mm lens, 360TVL and 78° viewing angle. Supplied as complete kits with 20m cable and 300mA PSU. Note – CT120 is 1/4" CMOS sensor, 3.6mm lens and 300TVL</p>
	<p>SuperCam2 CT150 - (B&W) CT160 - (Colour)</p> <p>External self-contained camera with 2 way speech facility, built-in PIRs (upto 7m movement detection), microphone and audible alert. 1/3" CMOS image sensor, 4.3mm lens, 360TVL and a 78° viewing angle. Supplied as complete kits with 20m cable and 300mA PSU. Note – CT150 is 1/4" CMOS sensor, 3.6mm lens and 300TVL</p>
	<p>Additional Camera for SuperCam2 CT151 - (B&W) CT161 - (Colour)</p> <p>Additional cameras designed to be used with the SuperCam2 kit when 2 areas need to be monitored</p>
	<p>Guardsman Scart Camera 1862 - (B&W) 1868 - (Colour)</p> <p>External CCD camera with built-in microphone. 1/3" CCD image sensor, 3.6mm lens, 380TVL and 92° viewing angle. Supplied as a complete kit with 20m cable and 300mA PSU. Note – 1868 is 1/4" CCD sensor, 78° viewing angle and 330TVL</p>
	<p>Guardsman Camera (Head Only) 1861 - (B&W) 1869 - (Colour)</p> <p>Identical cameras to the 1862 and 1868 respectively but supplied as a head only without any leads or power supply</p>
	<p>EyeCam Scart Camera 1870 - (B&W) 1877 - (Colour Day / Night)</p> <p>External CCD camera with built-in microphone, 10m PIR movement detection and IR illumination (up to 4m). 1/3" CCD image sensor, 3.6mm lens, 420TVL and 92° viewing angle. Supplied as a complete kit with 20m cable and 300mA PSU. Note – 1877 is 4.3mm lens, 78° viewing angle and 350TVL</p>
	<p>Covert Camera in PIR Enclosure 1871 - (B&W Camera only, built-in microphone, 10m working PIR) 1871KIT - (As above but with 20m cable, PSU and connectors) 1872 - (Colour Camera only, built-in microphone, 10m working PIR) 1872KIT - (As above but with 20m cable, PSU and connectors) 1872-02 - (Colour Camera only) 1872-02KIT - (As above but with 20m cable, PSU and connectors)</p> <p>Internal covert camera with 1/3" CCD image sensor, 3.7mm lens, 420TVL and 70° viewing angle.</p>
	<p>Covert Camera in Smoke Detector Enclosure 1878 - (B&W Camera only) 1878KIT - (As above but with 20m cable, PSU and connectors) 1879 - (Colour Camera only) 1879KIT - (As above but with 20m cable, PSU and connectors)</p> <p>Internal covert camera designed to look like a smoke detector. 1/3" CCD image sensor, 3.7mm lens, 420TVL, 70° viewing angle.</p>










Switchers / Activators / Time and Date Generators

Expand and improve a domestic CCTV system as and when required. Designed specifically with the end user in mind, the range of accessories are simple to install and use.



	<p>4-Way Camera Switcher CT200</p> <p>Allows connection of upto 4 cameras with manual and automatic switching facility between cameras as well as adjustable dwell time between 2 and 30 seconds. Unit also has a built-in alarm trigger output. Automatically switches to camera that has detected movement (when used with PIR cameras). Supplied complete with scart cable / connector</p>
	<p>Universal Wideband TV Modulator CT210 – (without PSU) CTR210– (with 300mA PSU)</p> <p>Allows Voltek cameras to be connected to the aerial input of TV/VCR if a scart socket is unavailable. The aerial signal can also be connected into a distribution point for viewing on other TVs. Selectable channels – wideband 21 to 69. Supplied complete with aerial lead.</p>
	<p>Video / DVD Activator CT220</p> <p>Automatic activation of domestic VCR / DVD recorders when used with Voltek PIR cameras or standalone PIR sensors. Allows the capture of CCTV footage when you are away from the property. Simple programming of unit using remote control of your VCR / DVD recorder. Adjustable record times - 1 to 99 seconds. Internal sounder with adjustable volume to warn you of intruders. Memory back-up feature prevents need for re-programming in the event of power loss. Alarm input enabling use with other detectors. Supplied complete with IR transmitter and lead, 30cm 6 pin connecting lead and alarm input connector.</p>
	<p>Universal Time and Date Generator CT230</p> <p>Superimposes time and date onto the picture for video evidence purposes. The time and date can be moved around the screen and a back-up battery keeps the time and date in case of power loss. Supplied complete with power supply and scart connection lead.</p>
	<p>Auto record Kit 1873</p> <p>Automatic activation of domestic VCR / DVD recorders when the sensor detects movement. Allows you to upgrade your cctv system if your cameras do not have built-in PIR sensors. Supplied complete with an 1804B PIR sensor with 18m x 90° detection range, CT220 video activator and 20 metre lead.</p>
	<p>15m Extension Lead - 4 Pin Mini Din CT250</p> <p>15m 4-Pin Mini-Din camera extension lead. Can be used to extend the cable run upto a maximum of 100 metres</p>
	<p>15m Extension Lead - 6 Pin Mini Din CT251</p> <p>15m 6-Pin Mini-Din camera extension lead. Can be used to extend the cable run upto a maximum of 100 metres</p>




Power Supplies

	1.25A Power Supply - 12 V DC <u>CT551</u>
	2.5A Power Supply - 12 V DC <u>CT552</u>
	500mA Power Supply - 12 V DC <u>CT553</u>
	5 Amp Power Supply - 12V DC <u>CT555</u>
	5 Way Power Splitter <u>CT559</u> Allows connection of multiple cameras from a single power supply
	Power Connector <u>CT560</u> Allows connection of power cable to standard power jack
	Single Channel Passive Cat5 Balun <u>CT570</u> Allows transmission of video via CAT5 or coax cable
	Wall Mounted Power Supply – 5 Amp 12V DC <u>CT605</u> Multiple CCTV camera power supply allows connection of up to 9 cameras
	Wall mounted Power Supply – 10 Amp 12V DC <u>CT610</u> Multiple CCTV camera power supply allows connection of up to 18 cameras


Wire Cages

	Large Wire Guard <u>1825</u> Protect PIR Sensors and cctv cameras from damage and vandalism. Internal dimensions 215mm x 215mm x 158mm deep.
	Small Wire Guard <u>1822</u> Protect PIR Sensors and cctv cameras from damage and vandalism. Internal dimensions 220mm x 100mm x 100mm deep.









Illuminators

	Infra Red Illuminator <u>IR10</u> <u>VIS010IR</u> – (without PSU) IR illuminator for discreet yet effective method of illuminating an area where B&W cctv cameras are being used in the dark. Weatherproof for external use with 36 LEDs giving 10m x 70° IR illumination. Supplied complete with trailing lead and 300mA power supply.
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CCTV Test Units

	Multi-function CCTV Test Unit with Screen <u>VTU100</u> Essential test unit for installers, This unit can be used to check and test video output, pan tilt & zoom, presets, speed, UTP cable, video signal generation, green, white, black & blue screen and RS485 data.
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Extension Leads and Cable Rolls

	<p>15m Extension Lead - 4 Pin Mini Din CT250 – (4 pin mini-din) CT251 – (6 pin mini-din)</p> <p>15m camera extension lead. Can be used to extend the cable run upto a maximum of 100 metres</p>
	<p>Universal Camera Lead Kit with 4 core cable & PSU CT252 – (with 500mA PSU) CT252-2 – (with 1.25A PSU)</p> <p>Universal camera lead kit that enables any conventional CCTV camera to be powered and connected to a TV, PC or other CCTV device such as a Quad or DVR</p>
	<p>Universal Camera Cable Kit with 6 core cable & 500mA PSU CT253</p> <p>Universal camera lead kit that enables any conventional CCTV camera including PIR cameras to be powered and connected to a TV, PC or other CCTV device such as a Quad or DVR</p>
	<p>20m Lead with BNC/DC Power Connectors CT256 – (with 500mA PSU) CT256-2 – (without PSU) CT256-3 – (with 1.25A PSU)</p> <p>20m Lead with BNC / DC power connectors and with or without a power supply. For use with all cameras with BNC connectors and without audio.</p>
	<p>15m Extension Lead with BNC/DC Power Connectors CT257</p> <p>15m Extension lead with BNC / DC power connectors. For use with all cameras with BNC connectors and without audio</p>
	<p>RG59 + 12V DC Co-axial Cable - 100m Roll CBCOMP100</p> <p>High quality RG59 Cable with 2 core DC cable running alongside to power the cameras.</p>
	<p>RG59 + 12V DC Co-axial Cable - 250m Roll CBCOMP250</p> <p>High quality RG59 Cable with 2 core DC cable running alongside to power the cameras.</p>
	<p>RG59 Low Loss Co-axial Cable - 100m Roll CBRG59-100</p> <p>Low loss co-axial cable ideal for sending composite video signals from the camera to the DVR or monitor.</p>


Audio Video Modules

Our range of Audio / Video modules has been made available for customers who wish to use a specific enclosure of their own design or for covert applications.

Camera Modules

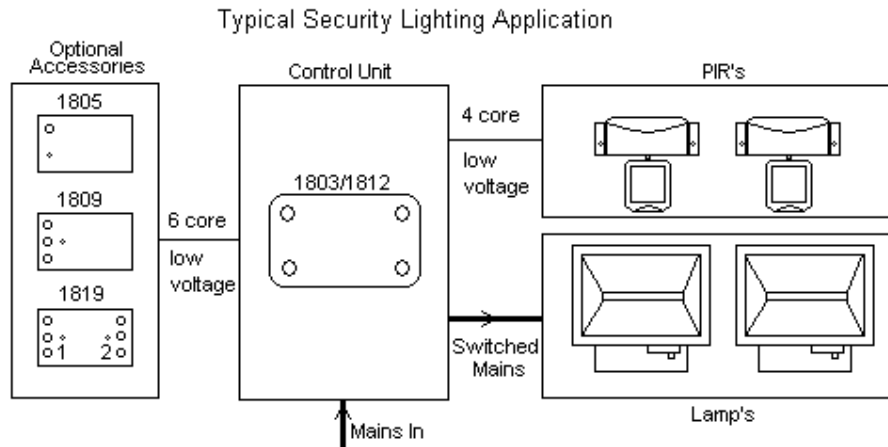
	<p>B&W CMOS Camera Module CT500</p> <p>Designed for covert applications and / or use with specific enclosures</p>
	<p>Colour CMOS Camera Module CT501</p> <p>Designed for covert applications and / or use with specific enclosures</p>
	<p>B&W CCD Camera Module CT510</p> <p>Designed for covert applications and / or use with specific enclosures</p>
	<p>Colour CCD Camera Module CT511</p> <p>Designed for covert applications and / or use with specific enclosures</p>

Audio Modules






	<p>Miniature Audio Board CT520</p> <p>Designed for use either as a standalone audio board or in conjunction with cctv cameras</p>
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External Security Lighting Products



The Voltek ranges of external security lighting products are specifically designed for the professional installer. The products use a minimum mains feature which means that only the control units and lights need mains wires. The rest use low voltage alarm cable for a simple, safe and tidy installation. The products within the range have numerous applications including deterring criminals, welcoming visitors, providing audible warnings and lighting control for CCTV systems.





PIR Sensors

	<p>Single Head External Sensor 1804 – (18m x 90°) 1804LR – (35m x 12°)</p> <p>Very stable and high quality external PIR sensors. Used to sense movement in a pre-determined area. Designed primarily for use with the Voltek lighting control units (1803 or 1812) but can also be used with the Voltek Spectrum, EyeCam and Guardsman cameras. Full pan and tilt adjustment.</p>
	<p>Single Head External Sensor - Black 1804B – (18m x 90°) 1804BLR – (35m x 12°)</p> <p>Identical specifications to the standard 1804 and 1804LR but in black enclosures</p>
	<p>Twin Head External Sensor 1811 - (2 x 18m x 90°) 1811LR - (2 x 35m x 12°)</p> <p>Twin head version of the standard 1804, offering 2 independently adjustable sensors from one unit. Independently adjustable heads enable coverage of 2 sides of a building when used with the 1806 corner bracket (not supplied) for mounting on a corner.</p>
	<p>Autoswitch 1816 – (18m x 90°) 1816LR – (35m x 12°)</p> <p>Extremely stable yet sensitive high quality external PIR sensor with pulse count and relay contacts designed for use with professional CCTV systems. Selectable 1-4 pulse count facility. Normally open and normally closed relay contacts. Full pan and tilt adjustment. Weatherproof enclosure suitable for both external and internal use</p>
	<p>Autoswitch - Black 1816B – (18m x 90°) 1816BLR – (35m x 12°)</p> <p>Identical specification to the standard 1816 and 1816LR but in a black enclosure</p>




Control Units

	<p>Single Zone Control Unit 1803</p> <p>Single zone lighting control unit for use with up to 8 PIR sensors. Automatically switches on lighting or activates CCTV equipment when the PIR sensor(s) detects movement (sensors not supplied). Up to 2KW (10A) mains switching load. Adjustable lights-on timer from 4 seconds to 7 minutes and dusk-on control. Grey weatherproof enclosure</p>
	<p>Twin Zone Control Unit 1812</p> <p>Twin zone lighting control unit for use with up to 8 PIR sensors. Automatically switches on lighting or activates CCTV equipment when the PIR sensor(s) detects movement (sensors not supplied). Up to 2KW (10A) mains switching load. Each zone with independent and adjustable lights-on timer from 4 seconds to 7 minutes and dusk-on control. Grey weatherproof enclosure.</p>



Combined Sensors and Control Units

	<p>Single Head Control Unit 1800 – (18m x 90°) 1800LR – (35m x 12°)</p> <p>Very stable and high quality combined PIR sensor and lighting controller - all the features of the 1804 and 1803 in one unit. Automatically switches on lighting or activates CCTV equipment upon detection of movement. 2KW (10A) mains switching load. Adjustable lights-on timer from 4 seconds to 7 minutes. Adjustable dusk-on control. Can connect up to 7 additional PIR sensors. Full pan and tilt adjustment with weatherproof enclosure.</p>
	<p>Twin Head Control Unit 1802 - (2 x 18m x 90°) 1802LR - (2 x 35m x 12°)</p> <p>Twin head version of the standard 1800, offering 2 independently adjustable sensors from one unit – all the features of the 1811 and 1803 in one unit. Independently adjustable heads enable coverage of 2 sides of a building when used with the 1806 corner bracket (not supplied) for mounting on a corner.</p>




Command Centres

	<p>RS1 Remote Sounder 1805</p> <p>Provides audible and visual warning alert whenever the PIR sensor detects movement. Sounder on/off button and LED indicator. For use with PIR sensors, control units and command centres. Internal use only</p>
	<p>IBX Command Centre 1809</p> <p>Provides audible and visual warning alert whenever the PIR sensor detects movement. Also provides manual switching facility for security lighting. Sounder on/off button and adjustable on-time. LED indicator for lights on. For use with control units (connectors also provided for additional sounders). Internal use only</p>
	<p>TZX Command Centre 1819</p> <p>All the features of the 1809 but for 2 zones of lighting. Separate buttons and indicators for each zone. Different alert tones and LED colours for each zone tells you which zone has been activated. Internal use only.</p>

Security Lighting Accessories

	<p>Corner Bracket kit 1806</p> <p>For use with the 1811 twin head sensor and 1802 twin head control unit. Allows units to be mounted on the outside corner of a building so that both sides can be covered</p>
	<p>Pulse Count Module 1821</p> <p>Allows an 1804 PIR sensor to be upgraded to an 1816 Autoswitch in order to minimise false activations. Pulse count 1, 2, 3 and 4 option with normally open and normally closed relay output with 0-5 minutes timer and transistorised output. Can be installed inside the wiring compartment of the 1804 or 1811 PIR sensor</p>

Wireless Intruder Alarms

	<p>Guardsman Wireless Alarm GS250</p> <p>Wireless intruder detection system using wireless PIR sensors with 6m x 90° detection range. Highly portable and flexible system that is suitable for permanent or temporary applications (such as boats and caravans). Supplied with 2 wireless PIR sensors. Receiver can be set to sound high pitched siren or low volume chime tone. 3 zone capability with each zone able to support up to 3 detectors. Low battery warning. Weatherproof enclosure for PIR sensors. Supplied as a complete kit with base receiver with a built-in rechargeable battery, power supply, 2 x PIR movement detectors with wall and table-top mounts and batteries.</p>
	<p>Guardsman Additional PIR Sensor GS10</p> <p>Designed for use with the GS250 wireless system. Allows expansion of the system to protect additional zones. 6m x 90 degree detection range. Weatherproof enclosure suitable for both external and internal use. Supplied complete with wall and table-top mounts and battery.</p>
	<p>Guardsman Wireless door Contact and Sounder GS30</p> <p>Designed for use with the GS250 wireless alarm system the wireless door / window contact allows convenient placement. Can be used independently or with the GS250 wireless alarm system. On-board high pitched sounder for local alarm.</p>



Voltek design and manufacture a comprehensive range of electronic CCTV and security lighting products. With a track record of over 25 years you can have complete confidence in any Voltek product that you buy. Voltek products are available direct from our factory or from one of our many authorised distributors. Benefits of using Voltek products include:

- Well-established brand with proven products
- Large and diverse product range
- Huge stocks
- Overnight delivery on most items
- Simple to install and use product lines. Most cameras can be supplied as plug and play kits.
- Dedicated technical support from trained and highly qualified engineers
- ISO9001-2000 compliant Quality Management System. Also awarded the prestigious Royal Warrant in January 1999
- Flexibility to meet specific customer requirements – products can be tailored to meet customer needs prior to dispatch
- Full 12 months warranty direct from Voltek
- Simple and efficient ordering process – telephone, fax, email or online

Voltek Automation Ltd
Churchill Way, Lomeshaye Industrial Estate
Nelson, Lancashire, BB9 6RT
Tel: 01282 695500 Fax: 01282 695511
Email: sales@voltek.co.uk
www.voltek.co.uk

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