

GARDINER SECURITY NEWS

NO ONE DELIVERS MORE.



WEB USER UPDATE

The NEW Gardiner e-commerce site is about to be launched!!

The October launch of the NEW! Gardiner Security e-commerce site is set to reinforce Gardiner Security's position as the leader in security distribution for its on-line capability.

The Website has undergone an extensive software upgrade making it faster than ever to search for up to the minute live price and stock information. The site looks a little different too due to the stylish re-design of the front end. Current users should not be worried by the upgrade as the buttons are still in the same place and the order process still works in the same way!! We have also added some new toys:

Purchase analysis allows our customers to analyse all purchases made through Gardiner Security month on month and compare spend to the previous year.

- The stock indicator will be changing so customers will be able to see at a glance whether the item is in stock at the branch, at head office, or on order
- Email my price list allows the user to have their price list emailed to them in a CSV file
- Lens calculator allows the user to calculate the correct lens for a given application

In addition to this, you will still enjoy all the original features of the site that include:

- Live information. You are able to view your contract pricing agreed with your branch
- Order Tracking and invoice reprints
- Access to account details at any time; previous invoices can be traced and reprinted
- An administration facility allows you to control personnel access to the site
- Multi criteria search engine and multi add function provides quick and simple access to thousands of products
- Save as Template button saves time by allowing frequently ordered items to be requested in just a few clicks
- Access to pre-saved quotes and quote creation
- All stock information is in real time and delivery can be directed to any location

RR1719

COMING SOON!

Great new features at www.gardinersecurity.co.uk

We will be adding our entire product catalogue which includes datasheets, pictures and extended product text onto our e-commerce website.

An icon next to the product description denotes whether there is a datasheet, picture or extended text available for that product. We will be adding information on our core product lines within the next few months.

To register your account for e-commerce simply go to <http://ecomm.gardinersecurity.co.uk>, click on REGISTER and fill in the on-line form. You will need to give your Gardiner account number and answer 6 simple questions. Accounts are normally activated in one to two working days, you will then be emailed a confirmation of your user name and password.

RR1720



ALERT!

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GARDINER SECURITY

ALERT! NEWSLETTER

THE FULL STORY ON SECURITY



Issue 17 October 2003
www.gardinersecurity.co.uk

ON THE ROAD WITH GARDINER SECURITY

The Gardiner Roadshows hit town in September and October and proved to be a great success. The 8 venue shows took in Hampden Park, Glasgow; St James' Park, Newcastle; Courtyard Marriot, Leeds; Old Trafford, Manchester; Edgbaston CG, Birmingham; Aztec Hotel, Bristol; Hilton, Croydon and the RAF Museum, Hendon.

Gardiner Security customers from all over the country had the chance to meet with some of Europe's leading security manufacturers, many of whom were demonstrating the very latest products from all five disciplines.

Manufacturers included: ACT, Apollo Fire, Axis, Bell Systems, Bosch, Chamberlain, Cooper Security, CQR, C-Tec, Dedicated Micros, Derwent, Elmdene, Intamac, Morley IAS, Novar/ADE, Pyronix, Sanyo, Silent Witness.

"We've found this is the preferred way for customers to discover what the industry has to offer," says Sales Director Hemant Trivedi. Putting the major innovations before them at venues on their doorstep from 12.00pm till 8.00pm each day means customers can learn all they want at times to suit them, even in minutes over lunch.

A show guide presenting all the products displayed by each manufacturer accompanied the Roadshows. If you would like a copy, please contact Marketing at roadshow@gardinersecurity.co.uk, or fax back the reply inside with the reference Showguide to 01706 355555.



ACCESS CONTROL

INTRUDER

CCTV

INTEGRATED SYSTEMS

FIRE

ACCESS CONTROL DIVISION

GIVING YOU ACCESS TO LEADING PRODUCTS.



PC BASED ACCESS CONTROL

The Bewator Entro System

The award-winning Bewator Entro system is suitable for commercial and industrial premises, institutions - such as hospitals, or any establishment requiring an effective system for controlling who goes where and when. Catering for just one, or up to 512 doors and 12,000 card holders, it is also one of the simplest systems to install and use.

A full range of card reading options, including Bewator's unique 'Hands-Free', proximity and magnetic stripe, allows free movement of authorised personnel whilst stopping unauthorised entry. Bewator Entro's simple system configuration improves operating flexibility. For example, several tenants in an office block can share one system with each having control over their own part - meanwhile, the building owners or managers retain control over the whole system.

911-235 ENTCP16 TRADE £421.00

911-236 ENTDP16 TRADE £215.00

925-104 ENTRO4 TRADE £35.50

RR1701



URMET DOMUS 1127 AUDIO 2

Single-family two-wire doorphone kit

The stylish Urmet Domus 1127 entrance panel with LED illuminated name holders and compact dimensions will give the personal touch to any door phone system.

Styled by Giugiaro design the 1137/1 model is very versatile and can be placed anywhere you like on the wall or on a table, using the optional tabletop mounting conversion kit.

Simplicity is guaranteed with only two wires, and this simplicity is not restricted to the connections, a few retaining screws and removable terminal blocks makes installation quick and easy.

The design of the white plastic housing on the entrance panel enables the panel to be semi-flush mounted (using flush mounting back box 1127/50) or surface mounted. It has an elegant perimeter frame that covers any irregularities in the wall.

Simplicity at its best only two wires for easy installation.

913-245 1137/1 TRADE £57.50

RR1702



URMET DOMUS VIDEO 2

Single-Family two-wire video kit

The stylish Urmet Domus single-family two-wire video doorphone kit gives you the security of being able to see who's at the door. The 952/1 styled by Giugiaro Design the new generation flat screen can be retained to the wall without being recessed, while the "camera provides a sharp wide-angle image. Even adjusting the camera view only takes a moment and is accomplished directly through the camera support".

A Winflat Model 1202 monitor can be installed in parallel with the main monitor, using special wall brackets. The entire system works with a simple power supply unit connected to the door camera and by means of 2 conductors, and can be secured to the wall or to a DIN rail.

The Urmet Domus Video Two makes it possible to set up video doorphone system without coaxial cable, and with only two connecting wires between the monitor and video door entrance panel. A few retaining screws and removable terminal block makes installation quick and easy.

916-096 952/1 TRADE £332.50

ACT5 OVERVIEW

AS SEEN
AT THE
ROADSHOW!

New ACT5 digital keypad

The ACT5 digital keypad has been added to the excellent range of stand-alone access control products. The price reflects a "no frills" specification where the only requirement is access and egress. The ACT5 comes in a robust and stylish polycarbonate housing with stainless steel keys and may be surface mounted or flush mounted on to a standard single gang electrical back box. It may be installed indoors or outdoors and has an IP67 rating.

Product Features

- 10 user codes
- Programming code
- Push to release button input
- 12 to 24 Volts AC or DC operation
- 5 amp lock output
- Door relay timer (5 to 255 seconds)
- Incorrect code lockout (20 seconds)
- Tri-colour LED and Buzzer indicators
- Dimensions (WxHxD): 100x110x35mm

902-135 ACT5 TRADE £46.25

RR1703



INTRUDER DIVISION

GETTING INSIDE YOUR BUSINESS.



KLAXON XL PLUS ALARM SOUNDER

Greater flexibility & performance

The feature-packed new XL Plus includes:

- Fully enclosed fibreglass PCB with sealed cover
- Unit is foam resistant
- Up to three protection devices:
 - Cover removal
 - Removal of unit from wall
 - Cover screw removal (optional extra)
- High visibility xenon strobe giving excellent visual alarm signal
- Choice of Value backplate (single piezo) or Premium backplate (twin piezo)
- Dual flashing comfort LEDs
- Optional SCB mode of operation enables sounder to operate from internal battery power, allowing several units to be connected to a single control panel without risk of overloading the panel power supply
- Adjustable sound option allows individual units to be identified in multiple unit installations
- Adjustable 2 to 20 minute cut-off timer to conform with noise abatement guidelines
- 3 year warranty



Features comparison

	Old XL+q	New XL+
First fit feature (One trip)	8	4
SCB Mode	8	4
Choice of backplate	8	4
Microprocessor	8	4
Enclosed Battery	8	4
EMC	8	EN50134-1
Lid Screws	2	1 (easier to fit)
Strobe	0.3j	0.7j
Standby Current	55mA	30mA
Print area for logos	110mm x 260mm	130mm x 260mm
Tamper Switch	Spring	Lever (Microswitch)
Backplate	Black	White (for better light)

RR1704

TIMEGUARD SLB150/SLB500

The benefits of security floodlights

This is the time of year to consider the benefits of security floodlights. As the nights close in Timeguard has an extensive range of floodlights to suit most requirements.

SLB500

- Powerful 500W enclosed halogen floodlight with adjustable integral PIR detector
- Can replace an existing outdoor light
- Detects body heat up to 12 metres away and automatically switches the light on
- 140° adjustable detection angle
- Moveable detector allows horizontal and vertical PIR adjustment
- Manual On/Off switch override
- Light-ON time adjustable from 5 seconds to 5 minutes
- Built-in sensor prevents daytime operation
- 500W halogen lamp supplied
- IP44 Weatherproof Rating
- Total PIR Switching: 2000W incandescent or halogen, 500W fluorescent, 22W low energy



RR1705

SLB150

The SLB150 share all the features and benefits of the SLB500 except for the use of 150W halogen bulbs.

PYRONIX



Kudos

New to the Kudos

range of digital commercial detectors are:

- Kudos DT15m PIR / Microwave detector
- Kudos DT+20m PIR / Microwave detector with digital self test and remote self test input
- Kudos AM 20m PIR / Microwave anti-masking detector for high security applications

All dual technology detectors feature AND/OR technology and complement the existing Kudos PIR which offers 3 in 1 detection coming complete with 3 lens options; 20m volumetric; 25m curtain and 45m long range.



RR1706

CQR PRODUCT ANNOUNCEMENT



Sentra

Sentra has a rear facing single piezo producing a 116 dB(A) output, twin strobe lens, 15 min failsafe cut-off timer, Trigger wire monitoring on both the Siren and Strobe inputs, which monitors them for integrity 24/7 and LED indicators for Hold-off, Tamper and Battery charging.

Hold-off Supply

- Voltage
- 12 Vac Current
- 50 mA
- (Nominal @ 12 Vdc) Siren
- Current
- 300 mA
- (Average @12 Vdc) Sound output
- 116 dB(A) @ 1 metre Strobe
- Current
- 100 mA Flash rate
- 60 per minute (During strobe saver mode flash rate is reduced to 1 every 8 seconds)
- Failsafe cut-off timer
- 15 minutes
- Tamper
- Wall, Cover and Screw Indicators
- Green LED = Tamper
- Green LED = Hold-off
- Red LED = Battery Dimensions
- 310 x 195 x 80

RR1707

CCTV DIVISION

TOTALLY FOCUSED ON MEETING YOUR NEEDS.

NEW VANTAGE PRODUCTS

AS SEEN
AT THE
ROADSHOW!

Available now at Gardiner Security

Spartan Impact Resistant Domes

- Simple to install
- Available in colour (VSC480) and monochrome (VSM580)
- High resolution output (480TVL VSC480IR) (580TVLVSM80IR)
- Advanced 1/3" CCD technology
- 4 to 9mm auto iris direct drive lens
- 12V DC operating voltage
- Impact resistant
- Water resistant



RR1708

E - Series Cameras (colour)

- 3 year warranty
- Cost effective range
- DSP technology
- Auto iris, direct drive, auto shutter
- Backlight compensation
- CSIC mount
- 12v DC, 24v AC & 230v AC
- Resolution from 350 TV lines (VEC 900/902/904) to 480 TV lines (VEC 950/952/954)
- Sensitivity 0.2 lux



E - Series Cameras (monochrome)

- 3 year warranty
- Cost effective range
- DSP technology
- Auto iris, direct drive, auto shutter
- Backlight compensation
- CS/C mount
- 12v DC, 24v AC & 230v AC
- Resolution from 400 TV lines (VEM 500/502/504) to 600 TV lines (VEM 550/552/554)
- Sensitivity 0.01 lux

SILENT WITNESS

AS SEEN
AT THE
ROADSHOW!

A great addition to the CCTV range

Silent Witness displayed a range of their products at the 2003 Gardiner Roadshows, including:

- DVMS Simplex - 1, 4, 8, 16 Channel D.V.R.
- Fare View - Mobile Surveillance System
- DVMS 1600 - 16 Channel Digital Video Management System
- SWX45 True 24/6 - Surveillance Camera
- TL-One - Single Channel D.V.R.



RR1709

EXTREME CCTV

AS SEEN
AT THE
ROADSHOW!

Introducing the new ZX range

The Gardiner Roadshows saw Extreme CCTV unveil the tightly guarded secret of its ZX range. The result of extensive research and development, the ZX range is predicted to have a significant impact on the CCTV Industry. Look out for the ZX55 over the coming months.



RR1710

DAY AND NIGHT CCTV

AS SEEN
AT THE
ROADSHOW!

Gardiner & Derwent Investigate

A large percentage of crime takes place during the night and Infra-Red can act as a deterrent as well as a tool to capture the criminals. Consideration of the quality of the image is no longer desirable but essential. In this article, written by 24 hour CCTV specialist Derwent, we take an in-depth look at the use of Infra-Red and what is required to achieve effective day and night CCTV.

What is Infra-Red?

Infra-Red for CCTV purposes is the light that the human eye cannot see but the camera can, sometimes called black light it lies approximately between 700nm and 1,000nm (1 micron).

The eye cannot efficiently see beyond 730nm whilst CCD Cameras can see up to 1000nm - and this enables the use of semi-covert and covert IR applications.

The photographs demonstrate what the human eye can see (photopic curve approx. 400-700nm) and what a normal monochrome camera can see. This demonstrates the increased sensitivity of more specialised IR sensitive monochrome cameras.

Camera Sensitivity

It is important to notice that the camera sensitivity drops as the wavelength increases. This means that the camera can see less of the light distributed on the scene.

RR1711

Infra-Red Filter

However there is often a requirement for semi-covert or covert installations. Generally speaking the 730nm filter will glow similar to a traffic light, an 830nm filter will give off a dull red glow only just visible to the human eye. The 950nm will appear totally covert, no glow is visible.

The key factors in choosing the type of IR lamp often relates to the required viewing distance and scene. The sensitivity of the camera is an important element, additionally the lens sensitivity and type play an important role. The three key considerations for effective design of 24 hour CCTV surveillance are areas which must be addressed regarding the night-time performance of the system. They are:

- 1 Camera
- 2 Lens
- 3 Illumination



CCTV DIVISION

TOTALLY FOCUSED ON MEETING YOUR NEEDS.



Camera / Lens

- LED
- Single 30f
- Single 10f
- Single Spot
- 30/850
- Twin
- Twin
- Single Flood
- 30f
- 10f

High performance

- 60
- 140 (100)
- 170 (130)
- 70 (45)
- 140 (100)
- 75 (60)
- 150 (115)
- 100 (70)
- 200 (145)

Medium performance

- 45
- 105 (80)
- 130 (100)
- 55 (35)
- 105 (80)
- 75 (60)
- 150 (115)

Low performance

- 30
- 70 (55)
- 85 (65)
- 35 (25)
- 70 (55)
- 50 (40)
- 100 (75)

Finally

The final message is to remember you are providing illumination for CCTV schemes and not for pedestrian schemes. Remember to match the illumination with the scene and lens focal lengths, choose your camera and camera lens wisely and use our experience to help you achieve the desired picture.

Advantages of Infra Red:

- Invisible to the human eye but monochrome cameras can see it
- No light pollution or unnecessary costly lighting
- IR is an essential part of effective number-plate capture
- Intruders are unaware of surveillance (semi-discrete and covert)
- No glare for pedestrians or drivers
- Long range beyond normal lighting systems

- Low installation and capital costs
- Low running and maintenance costs (Uniflood and Miniflood)
- Increased return from investment in system by giving 24 hr coverage instead of just daylight coverage
- Designed to work within a CCTV system

Key Design Considerations Summary

- 730nm filters are brighter in appearance than 830nm or 950nm but provide more usable Infra Red radiation for cameras. In certain applications the red appearance of 730nm filters may provide an additional deterrent to 830nm & 950nm applications
- Achievable distances will be reduced when using 850nm filters (>25% reduction) and 950nm filter (>50% reduction - more in most cases)
- When using 830nm or 950nm filters, ensure IR sensitive cameras are used for maximum performance
- Match the field of view of camera/lens with lens on Infra Red lamp
- Designers need to provide even illumination to allow a CCTV camera to work within its dynamic range
- Low cost of ownership is important to the end users - consider the power consumption, bulb life and bulb costs when specifying your Infra Red products
- Solid state LEDs devices offer ultra long life and low power consumption - but are significantly less powerful than standard quartz halogen products. They should therefore be used with very sensitive IR cameras for anything but the shortest of ranges

Find out more. For a free copy of Derwent's Nighttime Handbook contact info@gardinersecurity.co.uk



Dedicated Micros **BX2** Exclusive Offer!!

1TB

CD-Writer | QUICK AND EASY COPY TO INTERNAL CD-WRITER

Free Network Viewer | MULTIPLE USERS CAN VIEW LIVE AND RECORDED IMAGES OVER A COMPUTER NETWORK

Remote Keyboard | OPTIONAL REMOTE KEYBOARD PROVIDING TELEMETRY CONTROL OF UP TO 256 CAMERAS

BX2 is the high-performance, 16-camera digital multiplex recorder from Dedicated Micros.

Advanced features such as 1TB internal storage, built in CD-Writer, variable record rate per camera and video motion search makes BX2 the ideal solution for large, fast-moving applications such as retail, finance and government installations.

For further information call our Technical Helpline 01706 510 503

- Fast access of digital recording
- Maximum record rate of up to 50 pps
- Variable record rate per camera
- Quick and easy copy to internal CD-Writer
- Video motion search
- Digital signature applied to all recorded images
- 2 year warranty including hard drives

RR1712

INTEGRATED SYSTEMS DIVISION

CONNECTING YOU TO THE BEST PRODUCTS.



THE AXIS 2411 VIDEO SERVER

AS SEEN
AT THE
ROADSHOW!

Digitizing your analog world

The AXIS 2411 is a compact high performance single channel Video Server designed for professional IP-Surveillance systems handling hundreds of cameras, as well as browser-based single camera viewing as it produces a generic stream of video from a remote analogue video source. The analogue video signal is digitized, compressed, and made available to the network.

Key benefits and features

The AXIS 2411 has been designed with one main feature in mind, providing stream(s) of video without additional functions, and hereby-related costs, packed in a small casing made available at a very attractive price.

- One analogue composite video input in form of a BNC connector
- Stream video at up to 30 frames/second using Motion-JPEG
- Motion-JPEG as well as single JPEG snapshot
- Three different image resolution alternatives and five user selectable compression levels
- Auto sensing for PAL and NTSC



RR1713

THE LATEST PIXORD 200 COLOUR CAMERA

Advanced TCP/IP network

With the advances in TCP/IP networking it is possible to connect cameras directly on to a network.

With this in mind Pixord are happy to announce the introduction of the latest Pixord 200 colour network camera. The Pixord 200 is a "Plug and Watch" IP addressable internal colour camera that can be installed directly onto your network via an Ethernet connection and provides live video with high quality JPEG images.

The internet style software used is based upon TCP/IP making it easy to manage and view live images remotely with a standard web browser.

Features

- Complete with 6mm MI lens, bracket and PSU
- Operates at 30 frames per second
- Compression format JPEG / MJPEG
- Maximum resolution 704 x 576 pixels
- Minimum lux level 0.5 at (F1.2)
- Three layer password protection
- Four fully opto-isolated alarm inputs and one 3A, 125VAC/30VDC relay output



RR1714

CONTROLWARE VIDEOJET 10

Real time video at 30 frames per second

The VideoJet 10 video server enables real-time video transmission at 30 frames per second of events, objects and people over.

LAN's, TCP/IP networks, PSTN, ISDN and the Internet. Utilizing MPEG-4 compression, the VideoJet 10 requires minimum bandwidth to stream high-quality video and audio for both local and remote surveillance solutions. Featuring professional alarms, such as multicasting or event-controlled automatic connection, the VideoJet 10 is ideal for various surveillance requirements such as facilities management, access control and traffic & city control.

Equipped with a compact flash port, the VideoJet 10 supports either local recording including Microdrive® solutions or integration of a wireless LAN.

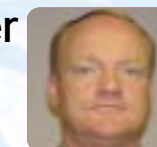
VideoJet 10 enables easy Integration with existing networks and features two transparent data channels for remote control of external devices such as Pan/tilt/zoom cameras, domes and multiplexers. Video can be viewed via connection to any standard PAL or NTSC monitor or a PC using VIDOS alarm management software or over the Internet through a web browser.

RR1715



Glenn Fletcher

New Sales Manager



Glenn Fletcher has been appointed the new National Integrated Systems Sales Manager for Gardiner Security. Glenn brings with him 12 years experience gained in a wide range of Integrated systems including Structured Cabling, Fibre Optic Networking, Intelligent Patching, Cisco Network Solutions, IP Telephony and VPN Security Solutions. He will oversee the Integrated Systems sales, as we continue to show our commitment to Integrated Systems.

Contact Glenn on 07831 444424

FIRE DIVISION

TAKING THE HEAT OUT OF FIRE DETECTION.



APOLLO FIRE DETECTORS

AS SEEN AT THE ROADSHOW!

Three new products from Apollo
Apollo has recently introduced three new products - two sounders and a reflective beam detector.

The Intelligent Reflective Beam Detector

This is designed for use in open areas such as atria, factories or theatres. The beam emitter and the receiver are contained in a single housing.

A reflector is fitted to the wall opposite the detector and this reflects the beam back to the emitter.

This means that all electrical connections are made at one single point. The detector is fitted to an XP95 or Discovery loop and is loop-powered.

The Intelligent Base Sounder

This is a development of the well-established loop-powered sounder but offers additionally

- synchronisation of continuous and pulsed tones
- multiple allocation of any address to sounders

Many more XP95 or Discovery sounders can therefore be fitted to a loop and the system is known as the 'master/slave' concept. Sound output is 85 or 92dB.

The new Ancillary Base Sounder

This is a quick and easy way to add sounders to an XP95 or Discovery loop. The sounder incorporates a detector base and is switched by the remote indicator output of its detector.

The sounder emits a continuous alternating tone at 70–85dB.



C-TEC

AS SEEN AT THE ROADSHOW!

A complete range of electronic products
C-TEC design and manufacture a wide range of electronic products, including conventional and analogue addressable fire alarm control panels, call systems, disabled persons toilet alarms and induction loop amplifiers.

Operating from £1m purpose-built headquarters in the north west of England, the company is a corporate member of the British Fire Protection Systems Association and has been ISO 9001 Accredited by the LPCB since 1994.



RR1717

MORLEY IAS

AS SEEN AT THE ROADSHOW!

The new Dimension panel

Morley's new Dimension panel features:

- Autolearn facility simplifies panel set-up routine
- On site programming via alpha-numeric key pad
- 500mA Loop Driver current
- Universal Loop Driver supports – Apollo, Hockiki, Morley-IAS & System Sensor protocols
- 2 x programmable sounder circuits rated @ 500mA each



RR1718



RR1716

Mark Wild



Technical Support

Mark Wild is part of the Gardiner Security Fire Technical Support team at Head Office. Mark has been with us for 2 years bringing previously gained experience in the fire industry. He is available for technical advice, quotation requests and knowledge of the full product range. He will also help with specification of systems and troubleshooting.

Contact Fire Technical Support on 01706 510515 or mwild@gardinersecurity.co.uk fire@gardinersecurity.co.uk

Peter Holmes



Fire Product Manager

Peter Holmes has recently joined Gardiner Security in the position of Fire Product Manager based at Head Office. Peter brings with him over 30 years of experience gained in the Security & Fire industry. Peter's role includes working closely with suppliers, supporting Branch and Sales Staff with the help of two Technical Support engineers. Peter also organises product training for staff and customers.

Contact Fire Product Manager on 01706 343343 or pholmes@gardinersecurity.co.uk

Mark Wilds



Technical Support

Mark Wilds is part of the Gardiner Security Fire Technical Support team at Head Office. Mark has been with Gardiner Security for 6 years and brings experience in a wide range of Fire products. He is available for technical advice, quotation requests and knowledge of the full product range. He will also help with specification of systems and troubleshooting.

Contact Fire Technical Support on 01706 510515 or mwilds@gardinersecurity.co.uk fire@gardinersecurity.co.uk