

Y O U R S E C U R E C H O I C E

SECURITY PRODUCTS CATALOGUE



INTERNATIONAL EDITION 2006



www.thecrowgroup.com



CORPORATE PROFILE

The Crow Group is a worldwide leading designer and manufacturer of electronic intruder alarm systems and detection devices. The company provides professional installers with the highest standards of performance as well as innovative and cost effective solutions.

With a full range of wired and wireless control panels, intrusion alarm detectors, unique outdoor detection devices, access control systems, and smart communication accessories for the security industry, The Crow Group offers its proven expertise to the security industry and faces the evolving needs of the security marketplace.

Crow's products are used worldwide by professional installers and central stations to protect life and property in residential, commercial, industrial and military environments.

The Company has established a worldwide dynamic network of distributors and sales offices, making the best use of its most advanced technologies, state-of-the-art R&D and manufacturing facilities. Its Total Quality Management is in line with the latest international standards.



CROW ELECTRONIC ENGINEERING LTD. The company was founded in 1982 with the specific aim of developing, designing and manufacturing advanced products for the security industry. The company's commitment to innovative design and quality has ensured that Crow has established itself as one of the very top names in the international security market.



ACTEC LTD. offers advanced Access Control solutions for the professional security market including multi users stand alone and PC based systems.



ARROWHEAD ALARM PRODUCTS LTD. was established in 1986. The Company develops, manufactures and markets a wide range of control panels and communication devices. While being a leading player in the security market in New Zealand and Australia, Arrowhead is a major development and engineering arm in the Crow Group.



FREE LINK LTD. develops and markets wireless systems and unique communication devices. Free Link holds patents in the USA, Europe and Israel for methods and systems for immune low rate modems.

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www.thecrowgroup.com

Your Secure Choice

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POWERWAVE™ SERIES

HARDWIRED AND WIRELESS CONTROL PANELS



POWERWAVE COMPACT MODELS

- Built-in large LCD Display
- Installation in next to no time
- Easy to Program and operate
- Supports up to 8 wired or wireless zones
- Supports Freewave accessories
- Integrated home automation and control
- Full supervision
- Ideal security systems for residential and commercial applications



POWER WAVE 4

POWER WAVE 4 COST EFFECTIVE 4 ZONE SECURITY SYSTEM

- 4 hardwired zones
- 2 on board Programmable Outputs
- User Friendly Upload/Download Software Package
- Ideal for residential applications
- Supports PowerWave & Freewave accessories



POWER WAVE 8

POWER WAVE 8 PROFESSIONAL 8 ZONE SECURITY SYSTEM

- 4-8 hardwired zones
- 2 Partitions and 2 part set modes
- Programmable Day zone (Chime) mode
- 2 exit & 8 entry delay timers
- Stay mode night arming station
- Up to 10 users
- Multiple keypads support
- 4 on-board fully programmable outputs
- 127 event buffer
- Multiple communication formats incl.
- Phone line monitoring
- Up to 4 programmable phone numbers
- Up to 8 radio devices
- Up to 8 radio keys
- Supports PowerWave & Freewave accessories



POWER WAVE 16

POWER WAVE 16 ADVANCED 16 ZONE SECURITY SYSTEM

- 8-16 hardwired zones
- Up to 3 partitions and 3 part set modes
- Programmable Day zone (Chime) mode
- 3 exit & up to 16 entry delay timers
- Stay mode night arming station
- Up to 50 users
- Up to 8 programmable time zones
- Auto Arm/Disarm and control of outputs via time zones
- 8 on-board fully programmable outputs
- 256 event buffer
- Multiple communication formats
- Phone line monitoring
- Up to 6 programmable phone numbers and 4 scenarios
- Up to 16 radio devices
- Up to 20 radio keys
- Supports PowerWave & Freewave accessories

WINWAVE FULL UPLOAD/DOWNLOAD SOFTWARE PACKAGES

- User friendly Windows based Software for all PowerWave panels
- Bell 103 and CCITT V21 formats supported

RUNNER™ SERIES

NEW HYBRID AND WIRELESS CONTROL PANELS WITH HOME AUTOMATION AND ACCESS CONTROL CAPABILITIES



RUNNER 4/8

- 4-8 Zones Alarm Control Panel

RUNNER 8/16

- 8-16 Zones Alarm Control Panel



RUNNER Plus

- 16 Zone Compact Pane with built-in LCD display
- 4 hardwired Zones / up to 16 Wireless Zones



PROX & PIN CODE KEY

- For Runner Series only
- Programmable Via Keypad Bus

[NEW]

Crow's New Generation of Control Panels with much more new features...

- Up to 100 Users & 80 Pendants
- Easy Rolling Menu for fast Programming
- Wired and Hybrid Solutions
- Automatic Arm/Disarm and Output Activation
- Call Back Option
- Access Control Capabilities with User Friendly Prox Readers
- Designed to Comply with EN-50131
- Easy installation
- User friendly Programming an Operation
- Supports all Freewave Accessories

The Runner™ Series allows to handle today's most challenging security applications



CONTROL PANEL ACCESSORIES



LED ICON KEYPADS

- Slim LED Icon Keypads
- Memory viewing
- Backlit soft touch buttons with tone
- 3 Panic buttons & Emergency buttons



LCD-B & S MULTILANGUAGE KEYPADS

- 2x16 Character two line compact Keypads
- 3 Panic buttons & Emergency buttons
- Events display
- Backlit soft touch buttons with tone
- Multi language support

[NEW]



FW - KP

- Wireless Keypad
- Lithium battery powered
- Multi function learning mode



VOICE BOARD/DTMF DECODER

- 90 sec recording of alarm and control messages
- Local or via DTMF operation
- Voice messages recording with speech programmer
- Microphone input
- DTMF Decoder with voice option



MICROPHONE MODULE

- Listen in via tel. line of alarm status and outputs



MONITOR BOARD

- Special flush mount panic board
- Panic and night arming module



D/LINK

- Direct Up/Down load via serial interface
- Memory events sending to standard serial printer



SPEECH PROGRAMMER

- Module for voice message programming



OUTPUT RELAY EXPANDER BOARD

- 4 Relay Outputs
- Programmable via Keypad Bus



EEPROM

- Fast Plug-in module for data transfer to multiple panels with common programming
- No need for telephone line or PC



FW - RCV

- Wireless receiver interface
- Support all Freewave wireless accessories
- Plug & Play module

[NEW]



DIGITAL KEY

- Special electronic key for Runner™

FREEWAVE WIRELESS PIR DETECTORS

- Asic Based Electronics
- Lithium Battery powered
- Outstanding catch performance
- Coverage up to 15 m (50') with 90° standard wide angle lens
- Models with Pet immunity available



FW - Swan



FW200



FW100



FW - MR with Mirror Optics



FREEWAVE WIRELESS DOOR/WINDOW CONTACTS

- Magnetic door or window contact
- Lithium battery operated

[NEW]



FREEWAVE WIRELESS SMOKE DETECTOR

- Lithium battery powered
- Low Battery indicator



FREEWAVE WIRELESS 360° CEILING MOUNT DETECTOR

- Asic based Electronics
- Lithium battery powered
- 360° / 20m (66') diameter coverage when mounted at 3.6m (12')



FREEWAVE WIRELESS GLASS BREAK DETECTOR & VIBRATION SENSOR

- Detection range up to 12 m (40')
- Lithium battery powered



FREEWAVE FAST GUARD

- Outdoor perimeter or object protection
- Unique portable solution for easy and fast protection
- Lithium battery powered
- 2 km (1.25 mile) of invisible wire included



[NEW]

FREEWAVE REMOTE CONTROL WIRELESS KEYS

- 4 Programmable buttons
- Lithium battery powered

FREEWAVE SERIES

INTEGRATED WIRELESS CONTROL PANELS



Freewave advanced security and home automation system helps you safeguard your home and family and provides you that reassurance you so much need...

PERFORMANCE...

- Up to 60 wireless zones and 4 hardwired zones
- Remote, in house and mobile control
- Advanced digital audio features including message recording playback and 2 way voice monitoring
- Integrated home automation and control
- Efficient time management

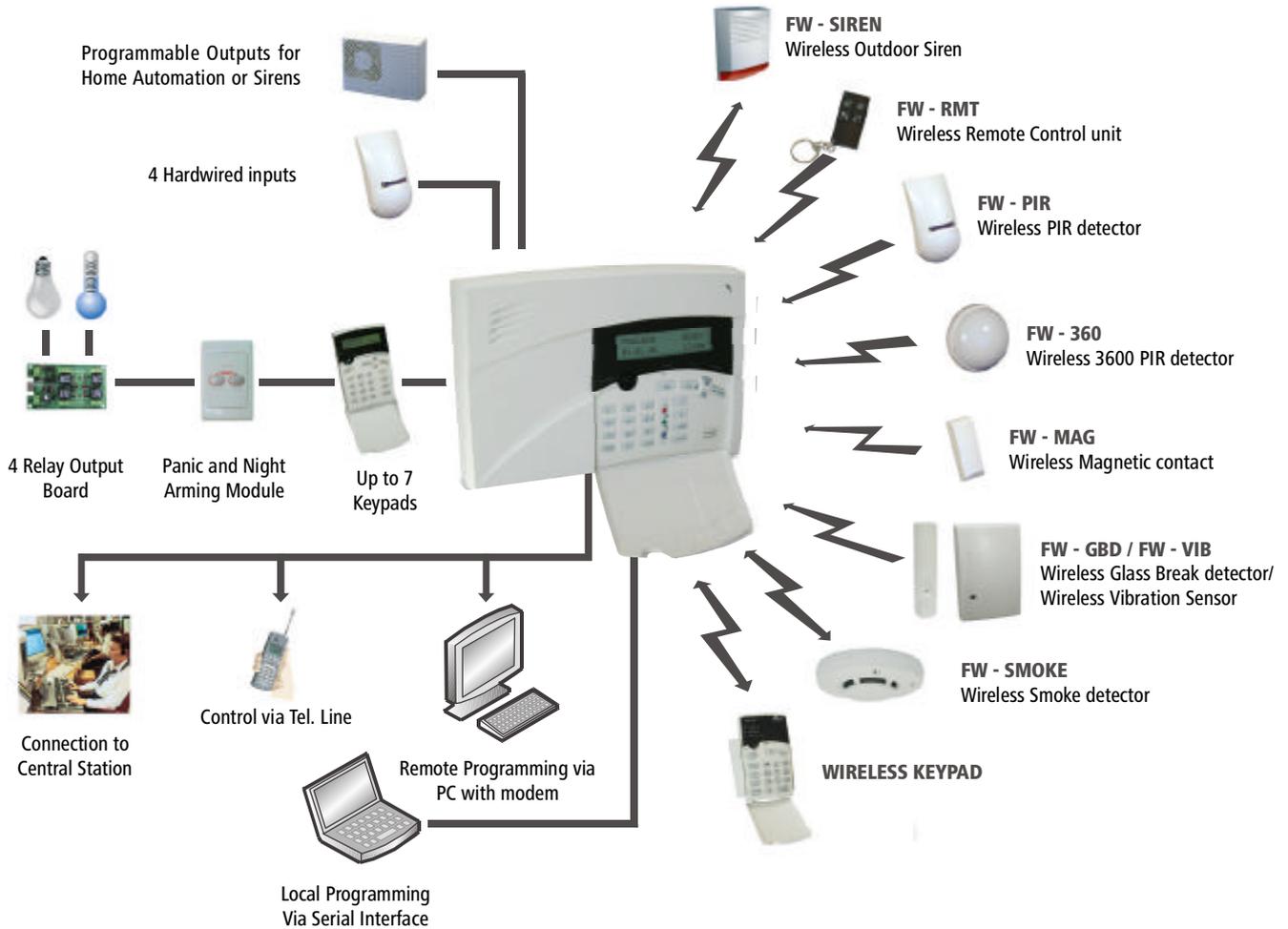
EASY...

- Installation in next to no time
- Easy operation with user friendly keypads and voice response guidance
- Compact and stylish design with large backlit LCD display
- Multi-language support

SAFE...

- Child and elderly or disabled monitoring
- Pet Immune detectors
- Effective Monitoring of Emergencies
- Compliance with European standards and Regulations

FREEWAVE FULLY SUPERVISED WIRELESS ACCESSORIES



- Self contained wireless control panel with integrated 2 lines x 16 character large LCD display
- Up to 60 wireless zones
- Up to 4 hardwired zones
- 80 wireless keys
- Up to 4 partitions and 4 part set modes
- 100 user codes
- D-Link serial interface for easy local PC based programming
- WinWave Full upload/download software for system local or remote programming
- Unique integral digital audio package including voice user instructions and messages, message recording and playback, 2 way voice monitoring
- Supports Telephone, cellular, domestic dial and personal paging communication
- 256 time and date stamped event memory
- EEPROM program backup module via serial port
- Full system status and program back up capability
- Multiple communication formats incl. Contact ID, 4+2, domestic and more
- Up to 6 programmable telephone numbers and 4 scenarios Fully supervised operation incl. low battery, communication failure and RF Jamming
- Installation in next to no time
- RSSI supervised Wireless devices location test

The Freewave systems offer supervision and outstanding features for professional wireless residential and commercial installations

MERLIN PROTM SERIES

UNIVERSAL RECEIVER INTERFACES



The Merlin Pro is a unique wireless receiver interface implementing the advanced Freewave 868 Mhz FSK technology.

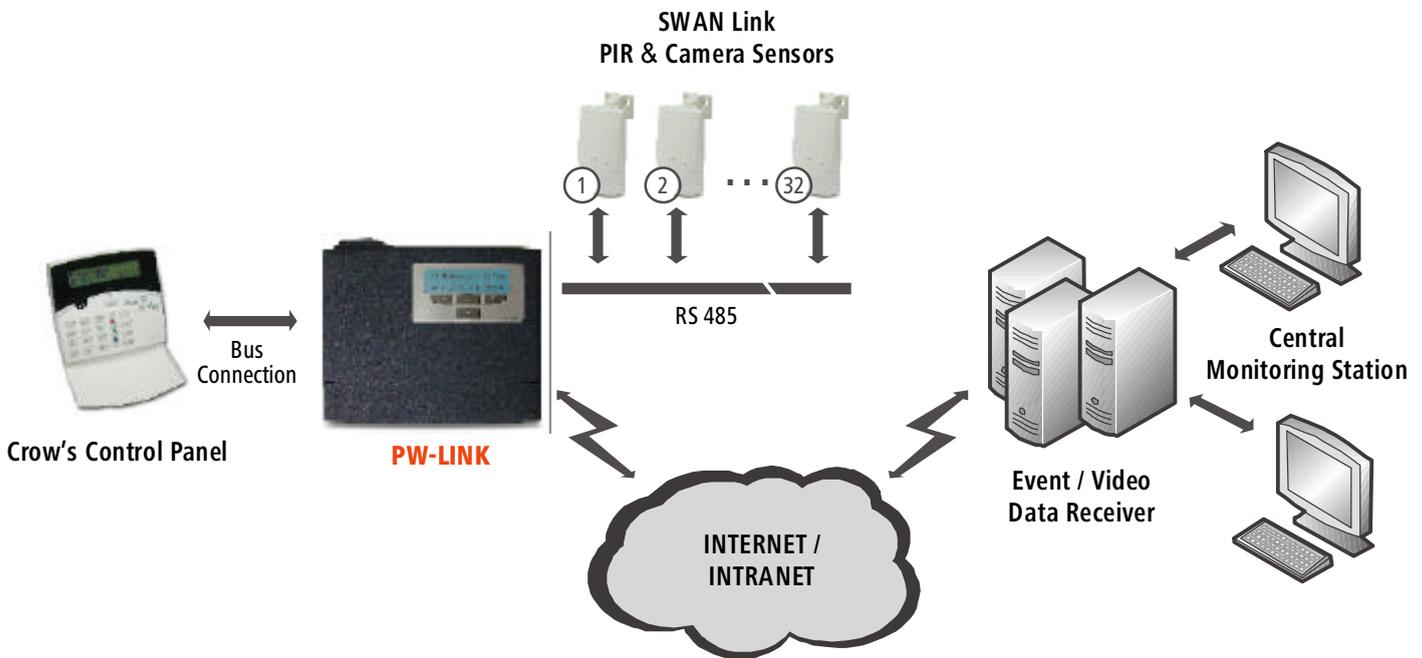
The system is designed to convert any wired control panel into a wireless system.

The system offers an extended open space fully supervised operating range, a multi-year life battery and many other powerful and user friendly features.

- Installation in next to no time
- Easy to program and operate
- Compact and elegant design with backlit display
- Support of up to 64 zones and 256 pendants
- Zone supervision, low battery alarm and indications
- 256 Events saved for user friendly retrieval at all times
- 5 Programmable relay functions
- Separate tamper output
- Multi language support
- RSSI supervision
- Real time clock
- Operating frequency: 868 MHz. Other frequencies upon request
- Up to 700m (0.435 mile) receiver range in free space
- Supports FreeWave wireless Devices

PW LINK

TCP/IP VIDEO GATEWAY



Introducing Crow's revolutionary link between an alarm control panel and the Internet / Intranet for transmission and video alarm verification

The PW Link allows any central monitoring station to receive alarm signals and pictures from any installation site with local network.

The PW Link unique software and encrypted protocol deliver events and clear recorded images of up to 1.2 mega pixels to the central station in a safe and secure way to any place via internet, in virtually no time.

A single server in the monitoring station can maintain more than 3000 PW Link subscribers.

- Continuous line supervision
- Alarm signals via IP transmission
- Automatic transmission of alarm Images
- Transmission of images on demand
- Distribution of alarm information and images to cellular and e-mails



CM/CS

SERIES
GSM BACKUP UNITS



The CM/CS is a supervised alarm transmission and GSM backup system.

The CM/CS provides telecommunication line supervision and automatically ensures an alternative communication path via the GSM network in case of PSTN phone line failure.

The CM/CS will also send SMS messages and SMS status reports.

The system can be connected to any control panel operating with a PSTN dialer and offers increased security of communication.

Main Features

- GSM Module
- PSTN/GSM line switch
- Data transfer using GSM or GPRS
- PSTN line cut detection
- Battery backup and charger
- On/Off hook detection
- DTMF decoder
- SMS support
- Dial tone generator
- Pulse meter
- Ringing generator
- "No signal" detection
- Automatic prefix number support
- Supports any control panel operating with PSTN dialer
- CS-47 link communication via BUS



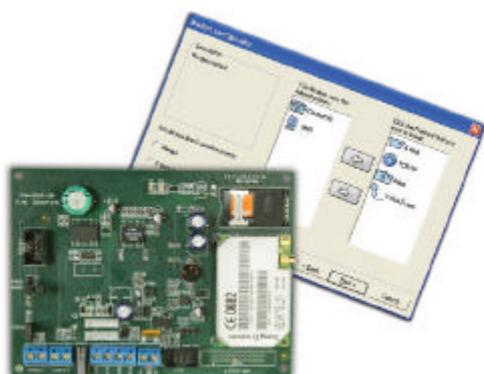
CM-18

- Built-in Tri-band GSM modem
- Continuous PSTN line supervision
- Fixed SMS messages support
- 4 inputs for SMS message transferring
- 6 outputs for status indication
- Battery backup support



CS-47

- Built-in Dual band GSM modem
- Continuous PSTN line supervision
- SMS messages support
- 4 inputs for SMS message transferring
- 4 outputs for status indication
- 1 Key switch input
- Cost routing support
- Battery backup support
- Easy local or remote programming via S/W



CS-47 Link

- Advanced GSM backup system via BUS communication
- Built-in Dual band GSM modem
- Transfer of Crow's control panel events as SMS messages
- Transfer of Crow's control panel events to Central Station in Contact ID format
- Communication via TCP/IP via GPRS cl.10
- Full duplex voice with extension card
- Battery backup support
- Easy local or remote programming via S/W
- Support of other control panels upon request

Quad Imaging technology with Pet Immunity

The new Swan line detectors use specially designed optical lenses with a unique Quad element sensor and new Asic based electronics. The unit has advanced Pet Immunity that can virtually eliminate false alarms caused by small animals and pets up to 25 Kg (55 lbs) in weight.

Sharpest detection and Exceptional Stability

The Swan detectors provide unprecedented levels of catch performance, immunity against visible light and electrical transients together with exceptional stability for every security application.

Slim Designed Housings

The Swan line features compact and streamlined housings suited for residential and commercial applications.

Unique Mounting Bracket kit and Special Curtain Mask

The Swan detectors are installation height calibration free. They can be wall, corner or ceiling mounted with an exceptionally user friendly bracket kit. The Swan Series offer a special masking device for adapting the detector's lens to curtain pattern.

[NEW]
SWAN QUAD AM
Grade 3 compliant



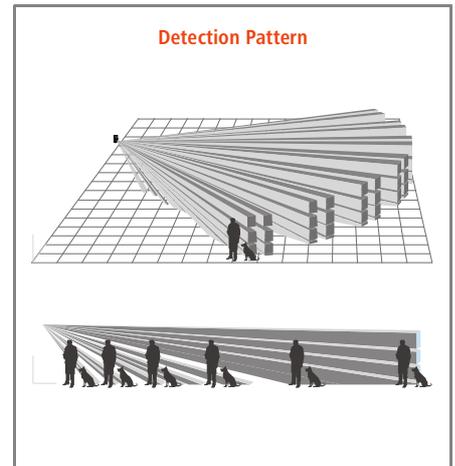
SWAN QUAD / SWAN QUAD AM

- Bi Directional Temperature Compensation
- 18 x 18 m (60'x 60'), 90° detection pattern
- Pet Immunity of up to 25 kg (55 lbs)
- Slim design for residential installations
- Swan Quad AM - PIR & Anti-masking - Grade 3 compliant



SWAN PGB

- Triple Technology PIR, Shock and Glass Break detector
- 2 relays for PIR and Glass Break
- Digital signal processing
- Exceptional detection of plate and tempered glass
- 18 x 18 m (60'x 60'), 90° detection pattern
- Pet Immunity of up to 25 kg (55 lbs)
- Compact design for commercial installations



[NEW]
SWAN 2000 AM
Grade 3 compliant



SWAN 1000 / SWAN 2000AM / SWAN 2200 AM

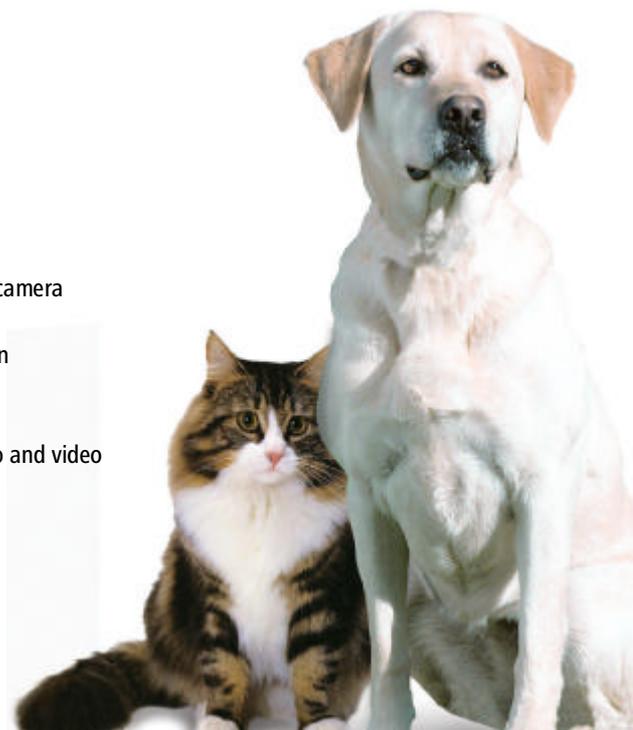
- Passive Infrared and Microwave Detector
- Bi Directional Temperature Compensation
- Digital Microwave signal processing
- PIR and Microwave Sensitivity Adjustment
- 15 x 15 m (50'x 50'), 90° detection pattern
- Pet Immunity of up to 25 kg (55 lbs)
- Anti-masking feature on microwave in Swan 2000AM
- Swan 2200 AM-K band 24Ghz - Grade 3 compliant

Wall/Ceiling mount installation Bracket kit



SWAN CAM

- Combined PIR & Pinhole Colour or B&W camera (PAL/NTSC , EIA/CCIR)
- 18 x 18 m (60'x 60'), 90° detection pattern
- Separated NO/NC relays for VTR and Timer for VRT activation
- Effective alarm verification with AGC audio and video



MR SERIES

PROFESSIONAL MIRROR OPTICS PIR DETECTORS

Crow introduces a new line of PIR sensors at the forefront of detection technology for professional security applications. The MR Mirror Optics Series brings exceptional detection performance and reliability combined with an outstanding Mirror Optics design for ultimate space protection.

PRECISION VARIFOCAL MIRROR DESIGN

Varifocal mirrors dramatically improve the focus and level of energy collected by the Pyro Sensor regardless of range. The electronic gain of the detector is reduced and therefore the Signal to Noise ratio is optimized to virtually eliminate false alarms. This design also provides an improved freedom from false alarms with its unprecedented level of immunity against visible light.

ASIC BASED SIGNAL PROCESSING

The ASIC signal processing implemented in the MR series allows the detector to identify human movement with extreme accuracy, validate intrusions and program itself to cope with harsh environmental applications.

EXCEPTIONAL STABILITY AND VERSATILITY

The MR series offers an unparalleled detection capability and stability for every security installation. It includes various models adapted to each type of installation, from the smallest device for curtain pattern protection to the most sophisticated sensors with Double PIR and Microwave, Pet Immunity, AntiMasking capabilities and more.

EASY AND FAST INSTALLATION

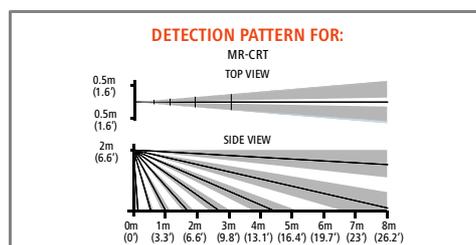
Installation height of the MR detectors is calibration free. Optional masks for pet immunity allow the installer to customize the detector according to application requirements. Masks exist for 10,20,30 and 40 Kg pet immunity (22,44,66, or 88 lbs).

THE WORLD'S SMALLEST MIRROR OPTICS PIR DETECTOR

MR-CRT

MIRROR OPTICS CURTAIN PIR PROTECTION IN ULTRA COMPACT DESIGN

- High Precision Built-In sealed Mirror Optics
- 8 curtains of detection
- 8 m (26') detection range with full creep zone protection
- Automatic Temperature Compensation

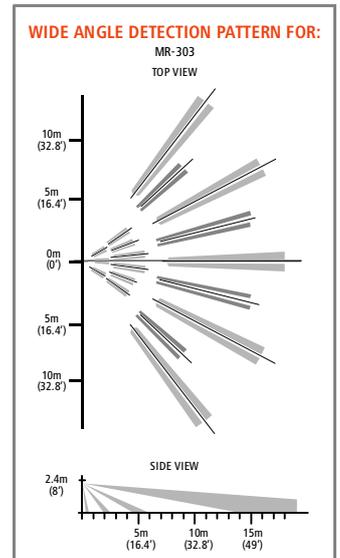




MR-100

COMPACT WIDE ANGLE PIR DETECTORS

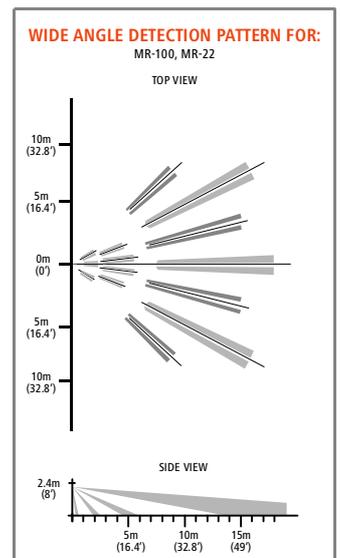
- High Precision Mirror Optics
- Dual Element pyro sensor
- 15 m (49') Detection Range with 90° Wide Angle Mirror
- Automatic Temperature Compensation
- Sensitivity Adjustment
- Compact Design for Residential Installations



MR-22

DOUBLE DUAL ELEMENT MIRROR OPTICS PIR DETECTOR

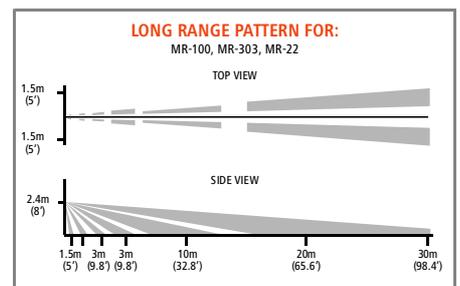
- Unique Double Dual Element PIR and Double Mirror Optics for Superior Catch Performance in Harsh Environments
- Up to 25 m (82') Detection Range with Long Range Mirror
- ASIC based Electronics Design for Maximum Protection against False Alarms
- Automatic Temperature Compensation
- Ideal for commercial applications



MR-303

ULTRA WIDE ANGLE PIR DETECTORS

- High Precision Mirror Optics
- Dual Element pyro sensor
- Sealed Optics for Enhanced Stability against Air Movements and Insects Intrusion
- 15 m (49') Detection Range with 110° Ultra Wide Angle Mirror
- ASIC based Electronics for higher stability and rejection of unwanted interference
- Sensitivity Adjustment
- Automatic Temperature Compensation



SMART

SERIES

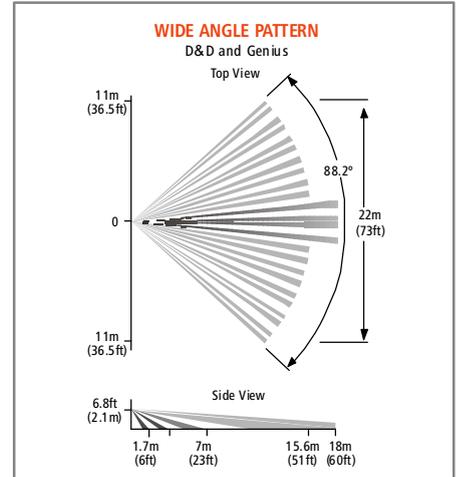
DOUBLE DUAL™ AND DOUBLE LINEAR IMAGING TECHNOLOGY DETECTORS



D&D

WEATHER RESISTANT DOUBLE DUAL ELEMENT MOTION DETECTOR

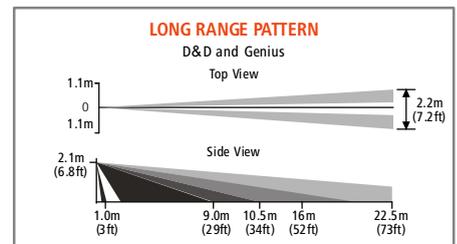
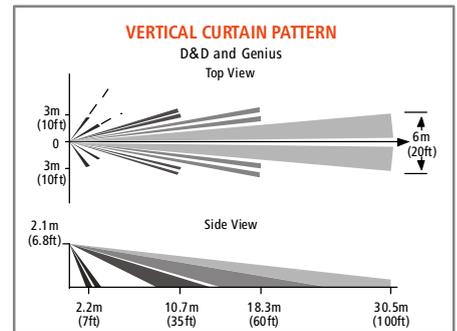
- Unbeatable reliability in hostile environments
- Outstanding catch performance
- Ignores animals, birds and insects
- Latest Asic technology embedded
- Automatic temperature compensation
- White light immunity
- High RF and EM immunity



GENIUS

DOUBLE DUAL ELEMENT MOTION DETECTOR

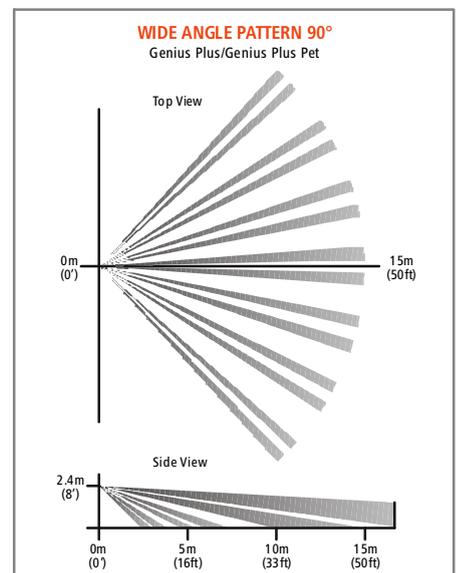
- "Double dual" optic system for 3D vision and easy differentiation between a small animal and a genuine intruder
- Advanced Asic based electronics for supreme accuracy and reliability
- Automatic temperature compensation
- High RF and EM immunity
- Adapted for installation in harsh environments



GENIUS PLUS/ GENIUS PLUS PET

THE NEW GENIUS WITH DOUBLE LINEAR IMAGING TECHNOLOGY

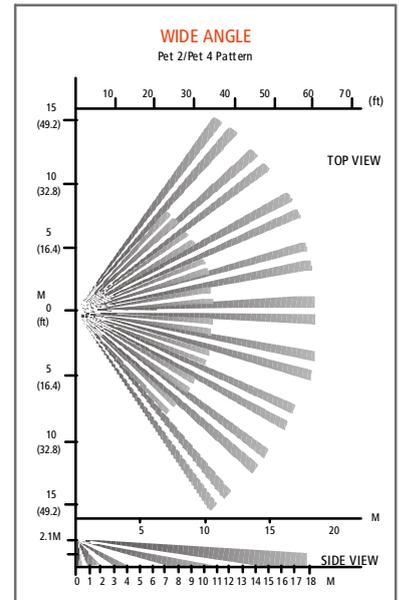
- Double Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from background and animals
- Up to 25 kg. (55 lb.) pet immunity in Genius Plus Pet
- Up to 5 kg. (11 lb.) pet immunity in Genius Plus Super compact design
- Latest Asic technology embedded
- Automatic temperature compensation
- High RF and EM immunity
- Adapted for installation in harsh environments





PET 2

- Dual element pyro sensor
- Hard type full pattern spherical lens and diffractive mirror for creep zones
- Variable pulse width adjustment
- Sensitivity adjustment
- Automatic temperature compensation
- Height installation calibration free from 1.5M to 3.6m (5ft to 12ft)
- Environmental immunity



PET 4

- Hard spherical interchangeable lenses with LP filter for best immunity against visible light
- Optional black lenses with LP filter for industrial applications
- Diffractive reflection mirror for creep zones
- VLSI based electronics with movement speed spectrum analysis
- Unique quad element pyro sensor
- Bi directional temperature compensation
- Height installation calibration free from 1.5m to 3.6m (5ft to 12ft)
- Environmental immunity
- Sensitivity adjustment
- Memory latch



PET PLUS

PET IMMUNITY LINEAR IMAGING PIR SENSOR

- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from background and animals
- Up to 25 kg. (55 lb.) pet immunity
- Super compact design
- Latest Asic technology embedded
- Automatic temperature compensation
- High RF and EM immunity
- Detection Patterns - Refer to model Genius Plus / Genius Plus Pet (pg. 15)



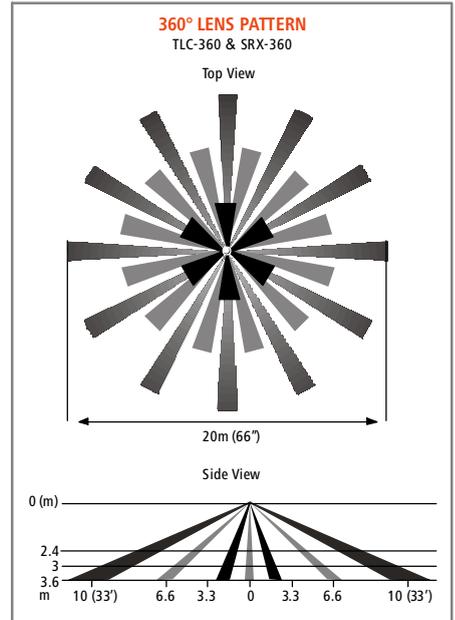
CEILING MOUNT



TLC-360

360° CEILING MOUNT PIR DETECTOR

- Unique hard shell spherical lens
- 360° / 20 m (66') diameter coverage when mounted at 3.6 m (12')
- Ceiling Mounted Quad Element Pyro
- Complete Range Adjustment
- ASIC based Technology
- Fully sealed optical chamber
- Extra-wide rear wiring channel



SRX-360

360° CEILING MOUNT PIR & MW DETECTOR

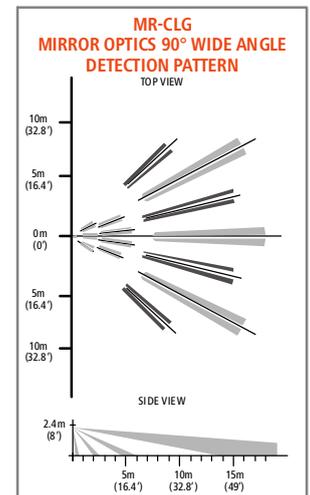
- PIR and Microwave sensor with 360° coverage pattern
- Up to 3.6 m (12ft) Mounting Height
- 360° / 20 m (66') diameter coverage when mounted at 3.6 m (12')
- Asic based Electronics
- Suited for harsh environments
- High RFI and EMI immunity
- Rodent Immunity



MR-CLG

90° MIRROR OPTICS CEILING MOUNT DETECTOR

- Dual element PYRO sensor and full pattern mirror for outstanding detection performance and elimination of false alarms
- Micro-Controller based electronics with movement speed spectrum analysis
- Installation height 2.4m to 8m (8ft to 26ft)
- Optional Pet Immunity
- PIR sensitivity setting
- Environmental immunity
- Fully sealed sensor chamber
- Maximum RFI & EMI Immunity
- Fluorescent light stability



GBD & SRPG SERIES

GLASS BREAK DETECTORS & GLASS BREAK + PIR SENSORS

The GBD series is the ultimate in eliminating false alarms while offering excellent protection. The unique phased frequency detection circuitry of these detectors allow detection of both shock and breaking glass signals creating a "false alarm free" glass break detector. The detector does not need to be attached to the window, providing volume protection and allowing you to protect several windows with one detector.



GBD-II

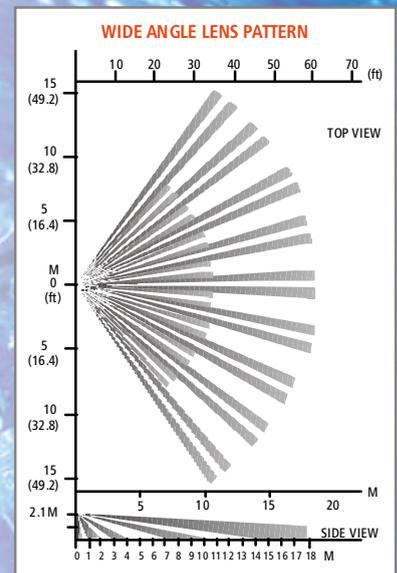
- Shock and/or breakage selectable
- Analyzes two frequencies
- Unique signal analysis ignores environmental disturbances
- Memory LED
- ASIC based electronics
- Sensitivity adjustments
- Ceiling or wall mount
- Operates in temperatures of -20° C to 50° C (-4° F to 122° F)



GBD-PLUS

NEW COMPACT GLASS BREAK DETECTOR

- GBD-II Electronics
- New Ultra Compact design
- Flush Mount installation - optional
- Outstanding detection range and reliability



The SRPG-II is a professional passive infrared & glass break detector combining functions of SRP-600 and GBD . The detection of both shock and glass break signals creates a "false alarm free" glass break detector.

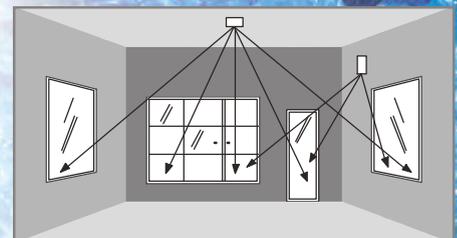
The SRPG-II does not need to be attached to window.

The unit features separate outputs for each technology for alarm verification.



SRPG-II

- Two detectors in one
- Dual element pyrosensor
- Hard shell spherical lens
- Diffractive mirror for creep zones
- Shock and breakage detection with separate sensitivity adjustments allowing the protection of several windows with one detector
- ASIC based electronics
- 2 separate relays for glass break and PIR



SRP/SRX

SERIES

PIR & DUAL TECHNOLOGY DETECTORS



SRP-100/300

- Unique hard shell spherical lenses with look down zones
- ASIC based electronics in SRP-300
- Sensitivity adjustment
- Memory latch
- 18 m x 18 m (60' x 60') wide angle lens coverage



SRP-PLUS

- ASIC based electronics
- Super compact design
- Ultra smart Linear Imaging Technology for and detection accuracy
- 15x15 m (50'x50') wide angle coverage
- High RF and EM immunity
- Ideal for residential applications



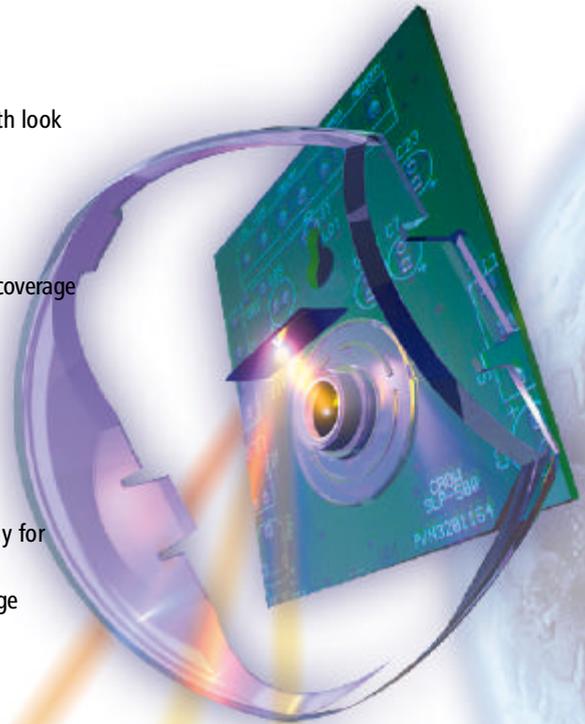
SRP-600/700

- Unique hard shell spherical lenses with look down zones
- ASIC based electronics
- Sensitivity adjustment
- Visible light filter for higher immunity to white light
- High RF and EM immunity
- 18 m x 18 m (60' x 60') wide angle coverage
- Quad element PYRO in SRP-700
- Optional black lenses with Ip filter for industrial applications



SRX-1000 / SRDT-15 / SRX 2000 AM

- ASIC based electronics
- Unique hard shell spherical lenses with look down zones
- Pir and microwave detection sensor
- Microwave sensitivity adjustment
- Pir sensitivity adjustment
- Digital microwave signal processing
- DRO microwave technology for outstanding reliability
- And & Or alarm signal selection
- Microwave frequency
 - SRX-1000: 10.525, 10.687, 9.9 Ghz
 - SRDT-15: 2.45 Ghz
 - SRX 2000 AM: Anti-masking



MINI PIRLite

SERIE

PASSIVE INFRARED DETECTORS

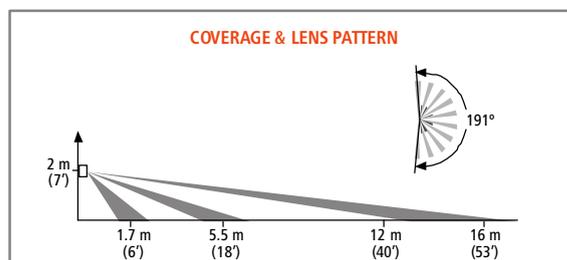


- Unique Asic signal processing
- Weather-proof & compact design
- Test mode function
- Wide detection angle
- Light on time adjustment
- Illumination intensity control
- Simple wiring & installation
- Output relay for 1000w loads
- Available with or without bracket

A unique miniature passive motion detector designed for energy management and security applications such as: gardens & backyards, hotels, garages, parking areas... When the PIR detects far infrared energy being emitted from human body crossing the detection area, the Mini PIRLite module activates the AC load (light) for a predetermined duration. The Mini PIRLite features a robust housing designed for operation in harsh environments.

Technical Specifications

Load activation type	Relay
Power supply	50hz - 60hz
Adaptable Ac load	Incandescent lamp including
	Halogen = 1000w (240v ac)
	Fluorescent lamp = 250w (240V ac)
Power consumption	1.0W
On-time	approx. 10 = 300Seconds
Ambient light intensity	approx. 5 = 120 Lux
Detection distance	approx. 12 m (frontal Direction)
Detectable Movement speed	0.6 M/s = 1.5 M/s
Testing mode time (Cds defeat time)	180 seconds
Detecting time	4 seconds (after each detection)
Operating temperature	-20°C = 40°C
Operating humidity	max. 95% Rh



The Mini PIRLite is designed to cover a very large detection area as 180° in the horizontal plane and 50° in the vertical plane with its unique wide-range fresnel lens.

QUATTRO 4000AM

OUTDOOR DIGITAL
PIR DETECTOR WITH ANTI-MASKING



[NEW]

QUATTRO-4000AM is the latest detector from Crow, designed especially for outdoor installations and harsh environmental conditions.

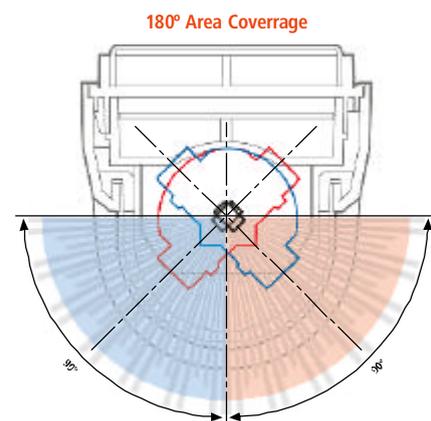
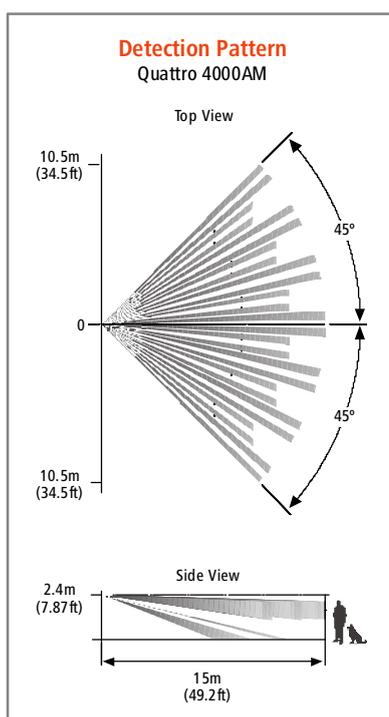
QUATTRO-4000 AM features a combination of 2 Double Dual & PIR detection units and an advanced digital signal processing.

QUATTRO-4000 AM easily fits into any outdoor installation location with its detection units adjustable to cover separate areas up to 180°.

It offers outstanding catch performance and freedom from false alarms by excelling in overcoming the disturbances caused by an unstable outdoor environment.



- Advanced Digital Processing and Optical Anti-masking for accurate intruder detection
- Useful for balconies, backyards, parking areas, garages, high security outdoor surroundings, warehouses and many more...
- Water, Snow, Rain, Dust, Wind and Insect resistant.
- Separate 90° coverage patterns with individual relay outputs for alarm verification
- Heavy duty Polycarbonate housing and sealed electronics
- Automatic Temperature compensation
- User Selectable sensitivity Levels
- Adjustable time relay output
- And / Or mode
- Superior Filtering against Sun and White light
- Extensive Test features
- User Friendly Installation
- IP65 Compliant



MRX

TRIPLE TECHNOLOGY MIRROR OPTICS SENSORS

PLATINUM

The "MRX Platinum Series" offers a unique combination of varifocal mirrors, ASIC based electronics and durable enclosures for stable performance and reliability in various outdoor high security and CCTV applications.

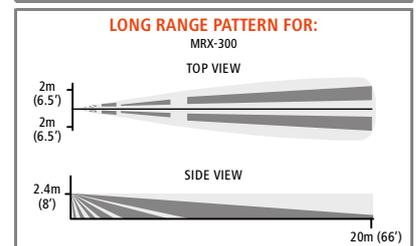
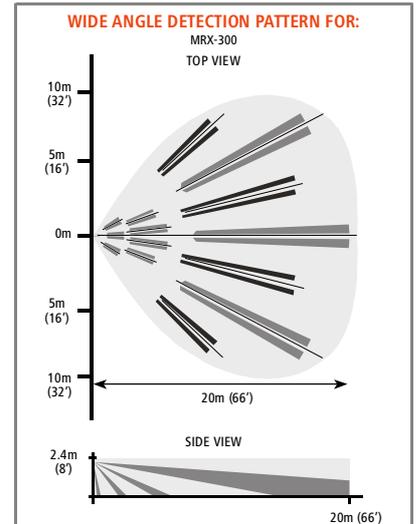
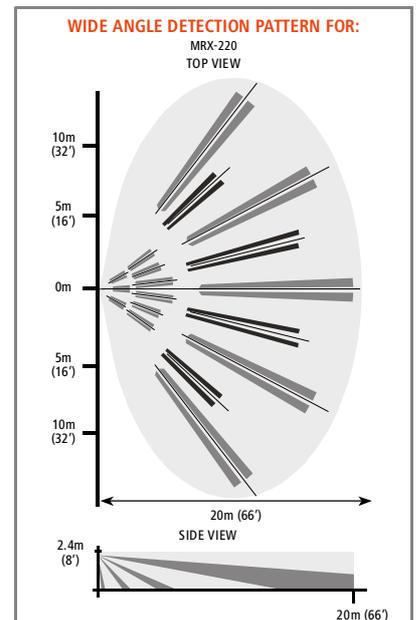
The "MRX Platinum Series" includes unique triple technology sensors, combining twin dual element Pyro sensors and microwave technology for ultimate stability in harsh environment applications.



MRX-300

SPECIAL "TRIPLE TECHNOLOGY" OUTDOOR DETECTOR FOR EXTREME OUTDOOR CONDITIONS

- Industrial grade polycarbonate housing and bracket for heavy duty installations
- Twin Dual Element PIRs plus MicroWave Sensor
- Tamper resistant bracket
- Dual axis tilt sensor for full antivandalism protection
- IP65 Compliant
- Asic based electronics for ultimate performance and stability
- Greatest immunity against visible light and /EMI sources
- Up to 20 m (66') detection range with Long Range Mirrors
- Totally hidden wiring
- Exceptionally easy installation by simply pan, tilting and locking the unit to the alignment requirements



MRX-220

UNIQUE "TRIPLE TECHNOLOGY" OUTDOOR DETECTOR

- Powerful Twin Dual Element PIR detector with Microwave for outstanding detection speed and false alarm immunity
- Sealed and Durable Housing for residential and commercial applications
- IP65 Compliant
- Increased immunity against visible light and RF/EMI sources
- Up to 20 m (66') detection range with Long Range Mirrors
- Asic based electronics for ultimate performance and stability



A new CSB microwave barriers generation with an advanced digital signal analysis for ranges of 60 and 200m.

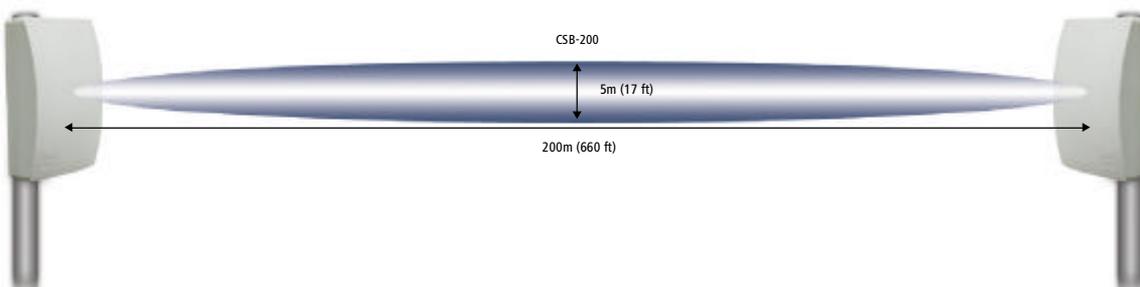
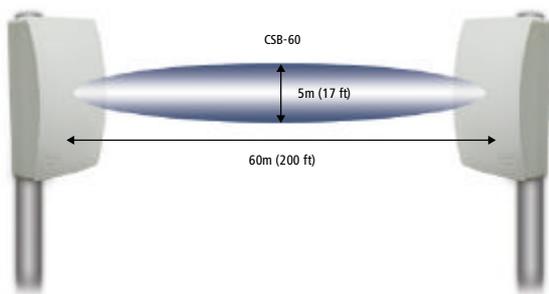
The Digilon™ set consists of two units, one transmitter and one receiver which, when mounted facing each other at different distances, up to the maximum range, create a volumetric detection field able to detect intrusion attempts.

The Digilon™ technology is based on Crow's microprocessor logic which analyzes the signal providing a very high performance solution and virtually no low false alarms, including those caused by weather or ground changes or interferences.

Both CSB60D and CSB200D are calibration free and extremely user friendly for a near to no time installation. All necessary settings are performed by Crow's microcontroller making human intervention no longer needed.

The CSB 60D/200D line is the ideal solution for outdoor perimeter of high risk sites such as power plants, prisons, military sites, etc. This line is also ideal for volumetric external protection of residential and commercial sites such as corridors, parking lots, etc.

TYPICAL COVERAGE PATTERNS



CSB - 60 / 200 DIGILON™

- Detection range of up to 60m (200 ft) or 200m (660 ft)
- Operating temperature -50°C to +65°C (-122°F to +149°F)
- Weather and attack proof housings
- High EM Immunity
- Power failure protection and backup
- Extra Reliability
- Easy calibration and installation
- Multi-level sensitivity adjustment
- Protection of high security areas
- Special installation mounting poles available

CROW GATE

SERIES
SMART GSM CONTROLLERS



The Crow Gate is a revolutionary GSM controller based on caller ID identification for gate opening using any GSM mobile phone.

It allows opening a gate to authorized persons only without any billing as the system never answers the call.

This smart device does not only replace expensive remote control unit or cards, it allows to open a gate from anywhere via your GSM mobile phone, and offers much more features

User Friendly Software such as:

- keeping track of persons entry/exit hours
- Opening gate to visitors while you are away
- Optional scheduling functions such as access hours authorization as per caller IDs for tracking or later billing purposes.

Flexible and Safe Operation

- Numbers are stored in the Crow Gate memory and not on the SIM card for security purposes.
- No risk of traditional remote control units copying
- Password protected Software for local or remote configuration incl: caller IDs addition or removal, scheduling parameters definition or changes.



SPECIFICATIONS

- Up to 1000 users (Standard)
- Tri Band modem (900/1800/1900 Mhz)
- 12V operation
- Optional wiegand protocol support
- NO/NC Relay output
- Programmable time trigger input for external sensor
- Housing size : 24 x 18 x 5 cm (9.4" x 7" x 2 ")
- Weight: 0.4 kg (0.9 lbs)

BS SERIES

WIRED AND WIRELESS OUTDOOR SOUNDERS



The BS Series of external warning devices offers an outstanding range of features for every professional installation.

The BS-1 Series provides exceptional reliability, tamper protection and steel inner cover assembly.

High end wired models include stainless steel inner cover and Xenon Lamp.

The BS-3 outdoor siren is a stand alone battery powered, one way FSK modulated wireless unit. It can be operated by any control panel with a dry contact output.

BS-1

WIRED OUTDOOR SOUNDER

- Innovative and Compact Design
- Self contained sounder and strobe unit
- 120 dB output level
- Low Power consumption
- Frequency : 0.5 to 3 Khz
- High grade ABS & polycarbonate housing
- Cover and Wall tamper protection
- Available with Xenon Strobe and stainless steel inner cover
- Dimensions (HxWxD):
280 x 195 x 100 mm (11" x 7.6" x 4")

BS-3

WIRELESS OUTDOOR SOUNDER

- Transmitter module Kit
- Siren module with double conversion wireless receiver
- RSSI Monitoring
- Full supervision
- Low Battery Indicator
- Cover and Wall tamper protection
- No external power supply required
- Dimensions (HxWxD):
280 x 195 x 100 mm (11" x 7.6" x 4")

ACCESS CONTROL SOLUTIONS

SC-103

Modern version of the long in service 03 series. Both design and technical specs are updated. Smaller case and much improved reading distance. Reader, Controller or Network Reader options

- 40 card (tag) holders will be allowed to enter
- Supports door contact
- Supports Request To Exit button
- Adjustable door open timing
- Step by step learning program will make it easier to manage (add or delete users) the controller's database and functions
- PR-103 reader with Wiegand protocol available

SC-04 STAND ALONE PROXIMITY ENTRY SYSTEM

This stand-alone access control system consists of an anti-vandal metal case designed for outdoor applications. It offers all SC-03 features.

SC-106 STAND-ALONE PROXIMITY ENTRY SYSTEM

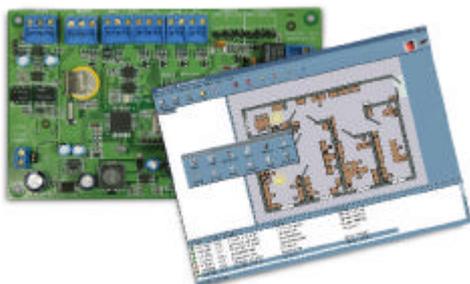
SC-106 is a sophisticated, yet user friendly, access control device. It offers extended programming features (including some control panel functions) and a 500 user database.

- The system provides access in one of three optional modes: by using proximity
- External reader option - to protect the controller itself from vandalism
- External detector connection - enables the control panel functions
- Door contact connection - provides warning signal if the door is left open
- Request to exit button - gives the ability to open the door from the inside from a distance

SW-7 DOOR ACCESS SYSTEM

- User capacity: 500/1000/1500
- Transaction: 30000
- Verification mode: 1:1 & 1:N
- Relay: Output 3A/12VDC
- Communication: RS232, RS485, TCP/IP, Wiegand 26
- Power: 9-24V DC, stay current: 0.50mA work current: 400mA
- Baud rate: RS232(115200), RS485(115200), TCP/IP(RJ45 interface)
- Sensor: Optical sensor
- Operating Temperature: 0°C - 45°C





ACNET PRO

A SOPHISTICATED ON LINE ACCESS CONTROL NETWORK SYSTEM.

- Professional real time software
- Virtually unlimited access points
- Time & attendance reports
- Personnel picture pop-up
- Supports guard & multiple monitoring point
- Built-in programmable relay for use with additional devices (e.g. siren)
- Two readers connection with full monitoring



ACNET 200

OFF LINE NETWORK ACCESS CONTROL SYSTEM

- Reliable and easy to install mid range system
- Smart "local reflex" option for event indication
- Fully compatible with any Wiegand reader
- Up to 32 units in one network
- One or Two door access control system
- 2 card readers of any technology
- Real Time Clock
- 4 programmable relays
- 11 Programmable alarm inputs
- Up to 4000 cardholders
- Serial port (RS232 or RS485) for communication with Printer or PC



ACNET 100

SOPHISTICATED STAND-ALONE ACCESS CONTROL SYSTEM WITH PC SUPPORT

- Multi-function access control system with alarm control panel capabilities and attendance report.
- Two readers (entrance and exit) support
- Additional alarm devices support
- Stand-alone or PC controlled operations with MACS software
- Fast and flexible controller programming for any application
- Saves on hard disk: system configuration, user database and system events
- Generates events or attendance reports
- Software supports database transferring between access point controllers
MACS can be installed on PC with MS Windows™



PROXIMITY CARDS AND TAGS

The AcTec readers support AcTec key-tags, AcTec proximity cards or other compatible cards and ID's.



This product catalog contains bullet formatted information on our product lines.

For further information please contact us at sales@crow.co.il

Information is also available on our website

Specifications are subject to change without prior notice.

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