

INTERNATIONAL EDITION



SECURITY PRODUCTS CATALOGUE



www.thecrowgroup.com



CORPORATE PROFILE

The Crow Group designs and manufactures advanced security solutions for the worldwide integrated security market.

The Crow Group divisions of Intrusion, Access Control and CCTV provide creative solutions for the residential, commercial and industrial markets with an extensive range of wired and wireless panels, intrusion indoor and outdoor detectors, unique access control and digital video solutions, smart communication systems and accessories.

The Crow Group offers its proven expertise from the protected area site to the central monitoring centers.

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

Continuous innovation at Crow is ensured by expert R&D teams which are dedicated to the integration of the latest technologies including communication challenges, interoperability and integration of automation and management systems.

The Company has established a worldwide dynamic network of distributors and sales offices, making the best use of its most advanced technologies and manufacturing facilities.

We proudly combine creativity and expertise to create added value for our customers at maximum cost effectiveness while complying with the highest standards of both quality and reliability.



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RUNNER 2

NEW POWERFUL CONTROL PANEL LINE WITH
EXCEPTIONAL OLED DISPLAY KEYPAD

The Runner2 Series is the skillful combination of engineering excellence and technological innovation.

The Runner2 embodies the qualities that are integral to every Crow Panel and offers an unrivalled level of security. The outstanding capabilities of this system are aesthetically expressed by a flowing design which perfectly combines light, lines and curves.

Runner2 Engine

At the heart of every great panel is a great engine. The Runner2 engine is based on the hybrid panel concept of the proven Runner Series. The Runner2 features Two Way communication, optional integrated GSM/GPRS backup module and TCP/IP support, all in one. The Runner2 is built for performance and accuracy, providing complete harmony between the user and the panel while integrating the latest technology into a easy to use, yet highly sophisticated security solution.

Runner2 Keypads

The sleek aesthetic look of the keypads is carefully considered, creating a truly harmonious design. The Runner2 keypad line reveals everyday usability, sophisticated electronics and graphic interface that deliver both power and user friendliness.



FREEWAVE FULLY SUPERVISED WIRELESS ACCESSORIES

RUNNER 2 SERIES

CONTROL PANEL WITH TWO WAY WIRELESS, TCP/IP AND GSM/GPRS SUPPORT

- Up to 16 wireless and hardwired zones
- Two way wireless transceiver and two way accessories
- Optional GSM/GPRS modem with CID, text messaging and remote control features
- Access control and home automation features
- New graphic OLED (Organic Light Emitting Diode) display in wired and two way wireless keypads
- Operates with wireless keyfobs and proximity readers
- Compatibility with one way wireless devices and existing Runner modules and LCD and Icon keypads

Runner2 Wireless Accessories (868/916.5 MHz)



FW-NEO PIR
Pet immune PIR
detector



FW-360 DETECTOR
360° ceiling mount
detector



FW-SMKH
Smoke & Heat detector



FW-NEPTUNE
Ultra slim outdoor
sounder



FW-VESTA
Internal Sounder



FW-RMT
Remote control
key fobs



FW-PANIC
Panic Watch/
Pendant



FW-MAGNET
Door/Window
contact



FW-VIB / FW-GBD
Wireless Vibration/Shock
sensors & acoustic detector /
Wireless Glass Break detector



FW-FLOOD
Flood detector

The Runner2 Series was designed in compliance with EN-50131 Grade 2 Class 2, PD 6662:2004, C-tick and FCC Part15.

RUNNER™

HYBRID CONTROL PANELS WITH HOME
AUTOMATION AND ACCESS CONTROL CAPABILITIES

RUNNER™ BLUE SERIES Wired and Wireless Security Solutions

The Runner™ Series enables installers and end users to benefit from a wide range of products and features suited to both wired and wireless applications.

The Runner™ series offers incredible value for money and comprehensive solutions to today's security needs.

- Runner 4/8 and 8/16 versions available
- Available in kits for wireless application with built in Radio Signal Strength Indicator (RSSI)
- Up to 100 users & 80 pendants
- Easy rolling menu for friendly programming and fast operation
- Easy installation
- 2 true partitioned areas with separate arming
- Automatic Arm/Disarm and Output Activation
- Call back option
- Access control capabilities with user friendly Proximity Readers
- Designed to comply with EN-50131 standards and PD 6662:2004



Runner 4/8

Runner 8/16

RUNNER LINK™ TCP/IP GATEWAY

The Runner Link™ is a Network Alarm Communicator that operates with Crow's Runner™ Control Panel Series.

The Runner Link™ communicates alarm signals to the central station or to a PC via the TCP/IP network, using the dedicated Runner Link™ software.

- Connecting alarm equipment to IP networks
- Standard alarm protocols supported (SIA/CID)
- Dedicated server for secure polling
- Real time remote access to the system
- Event log on-demand
- IP adaptor connection via Bus to Runner Series control panels

- Continuous line supervision
- Alarm Signals via IP transmission
- Upload / Download via TCP/IP
- Back up line via GPRS (option)
- Distribution of alarm information to cellular and e-mails (using A-Track software)



Runner Link™

POWER WAVE 16

ADVANCED 16 ZONE SECURITY SYSTEM

- 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

POWER WAVE 32/64 "ELITE"

MULTI ZONE CONTROL PANEL

- Up to 64 fully programmable hardwired or wireless zones
- 8 Programmable outputs with more than 20 programmable options
- 4 true partitions areas with separate arming
- Advanced communication
- 255 event buffer with time and date stamp
- Efficient and easy installation with 4 wire smart Bus to connect keypads and modules
- 100 access codes
- "Quick arm" option
- "STAY" arming for perimeter arming per partition with selectable zones while premises are occupied
- Automatic arming/disarming at a specific time every day per area
- False alarm prevention features

WINWAVE FULL UPLOAD/DOWNLOAD SOFTWARE PACKAGES

- User friendly windows based software for all PowerWave panels
- Bell 103 and CCITT V21 formats supported

POWER WAVE 16



POWER WAVE 32/64 "ELITE"



FREEWAVE 64

INTEGRATED WIRELESS CONTROL PANELS

Freewave 64 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 built-in digital audio features including message recording playback and 2-way voice monitoring
- Integrated home automation and control
- Efficient time management

EASY...

- Easy operation
- Friendly keypads and voice response guidance
- Reduced installation time
- Compact and stylish design with large backlit LCD display
- Multi-language support

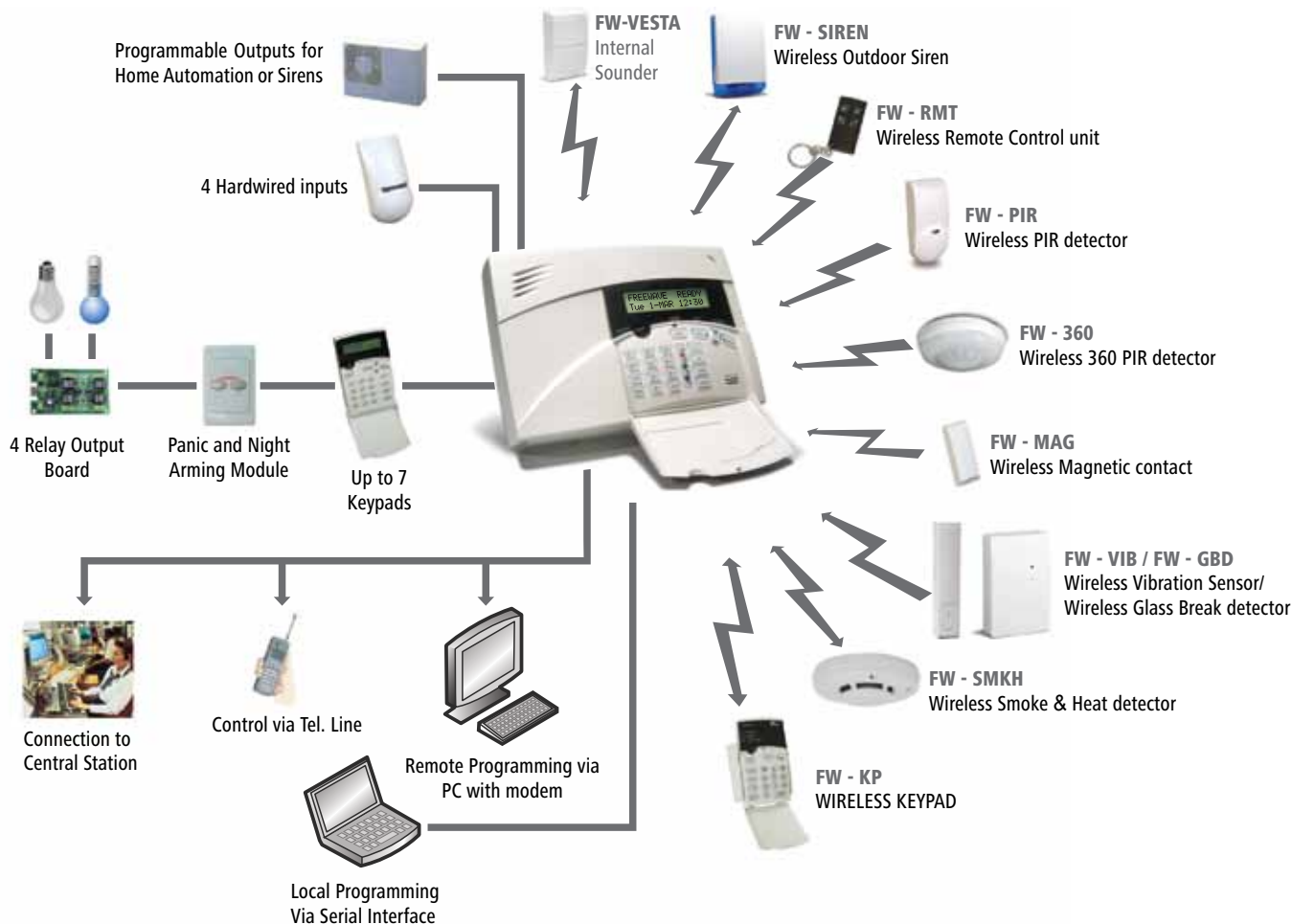
SAFE...

- Child and elderly or disabled monitoring
- Pet immune detectors
- Effective monitoring of emergencies
- Compliance with European standards and regulations





FREEWAVE 64 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: voice user instructions and messages, message recording and playback, as well as 2 way voice monitoring
- Supports Telephone, cellular and domestic dial 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
- Up to 6 programmable telephone numbers and 4 dialing sequence scenarios
- Fully supervised operation incl. low battery and communication failure
- Reduced installation time
- RSSI supervised wireless devices location test
- Reliable 868/916.5 MHz technology

Crow's Freewave 64 systems offer full supervision and outstanding features for professional wireless residential and commercial installations

CONTROL PANEL ACCESSORIES



Optional Blue Version



LARGE & SMALL LCD MULTI-LANGUAGE KEYPADS

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

LED ICON KEYPADS

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

FW - KP

- Wireless Keypad
- Lithium battery powered
- Multi function learning mode
- Portable with easy mounting bracket



PROX & PIN CODE KEY

- For Runner Series only
- Programmable via Keypad Bus



SMART DIGITAL KEY

- Special electronic readers & keys for Runner™ Series



MONITOR BOARD

- Special flush mount panic module
- Easy night arming



EEPROM

- Fast Plug-in module for data transfer to multiple panels with common programming



VOICE BOARD

- 4 min recording of alarm and control messages
- Local or via DTMF operation
- Voice messages recording with speech programmer
- Microphone input
- DTMF Decoder with voice option
- 2 Way voice board available



MICROPHONE MODULE

- Listen-in via tel. line of premises using voice board



SPEECH PROGRAMMER

- Module for voice message programming



D-LINK USB/RS232

- Direct Upload / Download via serial/USB interface
- Memory events to PC



OUTPUT RELAY BOARD EXPANDER

- 4 Relay Outputs
- Programmable via Bus



FW - RCV

- Wireless receiver interface
- Reliable 868/916.5 MHz technology
- Plug & Play module
- Support all Freewave wireless accessories
- Optional housed version for remote fitting

FREEWAVE ACCESSORIES



FW-360 FREEWAVE WIRELESS 360° CEILING MOUNT DETECTOR

- 360° / 20m (66ft) diameter coverage when mounted at 3.6m (12ft)
- ASIC based electronics
- Lithium battery powered
- 868/916.5 MHz
- Optional High Ceiling lens for installation up to 8m (27ft)

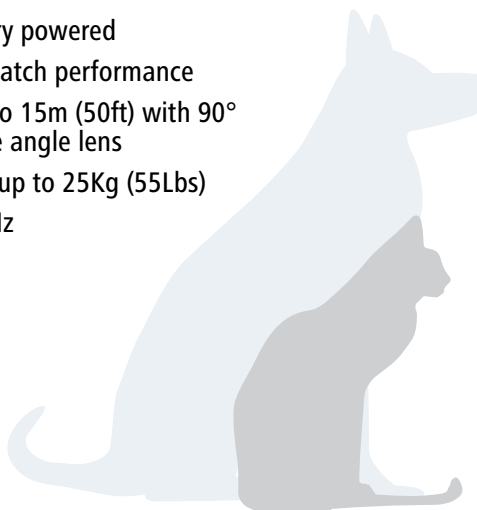


FW-SMK/FW-SMKH FREEWAVE WIRELESS SMOKE & HEAT DETECTOR

- Lithium battery powered
- Low Battery indicator
- 868/916.5 MHz
- Up to 3 year battery lifetime
- Optional combined smoke/heat model

FREEWAVE WIRELESS PET IMMUNE PIR DETECTORS

- ASIC based electronics
- Lithium battery powered
- Outstanding catch performance
- Coverage up to 15m (50ft) with 90° standard wide angle lens
- Pet immunity up to 25Kg (55Lbs)
- 868/916.5 MHz



FW - SWAN



FW-NEO

FW-VIB / FW-GBD
WIRELESS VIBRATION/SHOCK
SENSORS & ACOUSTIC
GLASS BREAK DETECTORS

- Detection range up to 12m (40ft)
- Up to 3 year Lithium battery lifetime
- High quality ASIC controlled solid state wireless detector
- 868/916.5 MHz
- Front and back tamper protection
- Unique sensitivity and digital processing for best detection performance
- High false alarm immunity
- Wide range of surface protection including doors, glass surface and surrounds, safes, gun cabinets etc.



FW-FLOOD
WIRELESS FLOOD DETECTOR

- Provides warning of water leaks and flood
- Ideal for basements and near water tanks
- 868/916.5 MHz
- Up to 3 year Lithium battery lifetime
- Front and back tamper protection
- High false alarm immunity



FW-MAG
DOOR/WINDOW CONTACTS

- Magnetic door or window contact
- 868/916.5 MHz
- Lithium battery operated
- Screw input terminals



FW-NEPTUNE
ULTRA SLIM OUTDOOR
SOUNDER

- 105 dB single piezo sounder
- IP55 rated electronics
- Low current operation
- Wall & Lid tamper
- 868/916.5 MHz



FW-PANIC

- Water resistant
- Supplied with wristband and necklace
- Single button activation
- Lithium battery operated
- Ideal for assisted living installations



FW-RMT
REMOTE CONTROL
WIRELESS KEY FOBS

- 4 programmable buttons
- Lithium battery powered
- 868/916.5 MHz



FW-VESTA
WIRELESS INDOOR SOUNDER

- Lithium 3.6 V / 14 Ah Battery operated
- Cover and wall tamper
- Up to 5 year Battery lifetime
- 868/916.5 MHz



MERLIN PRO™

UNIVERSAL RECEIVER INTERFACES

The Merlin Pro™ is a unique wireless receiver interface implementing Freewave advanced FSK technology. The Merlin Pro™ is designed to convert any wired control panel into a wireless system, compatible with Crow wireless products.



- Quick and easy to install and program
- Ideal for retro-fit applications
- Compact and elegant design with backlit LCD display
- Support of up to 64 zones and 256 pendants
- Zone supervision, low battery alarm and tamper indications
- 256 Events saved for user friendly retrieval at all times
- 5 programmable relay functions
- Separate tamper output
- Radio Signal Strength Indicator (RSSI)
- Real time clock
- Operating frequency: 868 / 916.5 MHz
- Up to 500m (0.3 mile) receiver range in free space
- Supports FreeWave Wireless devices



CS SERIES

GSM BACKUP UNITS

The CS Series offers a range of supervised alarm transmission and GSM backup system. Providing telecommunication line supervision and automatically ensuring an alternative communication path via the GSM network in case of PSTN phone line failure.

CS47

UNIVERSAL GSM BACKUP UNIT

- Built-in Quad band GSM modem
- Continuous PSTN line supervision
- SMS support
- 4 inputs for SMS transfer
- 4 outputs for status indication and external device
- 1 key switch input
- PSTN/GSM line switch
- Data transfer using GSM
- Battery backup and charger
- On/Off hook detection
- DTMF decoder
- Dial tone generator
- Ringing generator
- "No signal" detection
- Automatic prefix number support
- Easy local or remote programming by dedicated supplied software
- Easy programming via telephone



CS47 Link

GSM SYSTEM FOR RUNNER™ SERIES

- Advanced GSM system via Runner™ BUS communication
- Built-in Quad band GSM modem
- Transfer events as SMS messages, Contact ID or TCP/IP via GPRS
- Battery backup support
- Easy local or remote programming via S/W



NEO™ LINE



The Neo™ Line Series offers an outstanding combination of engineering experience and technological innovation.

Featuring all the advantages that are integral to every Crow designed movement detector, the Neo™ Line Series offers unrivalled security levels and unparalleled digital signal processing. This leading edge technology is complimented perfectly by the contemporary and compact styling of the detectors housing.

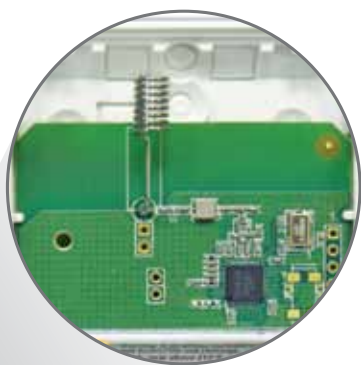
The Neo™ Line Series includes easy to install entry level to high end commercial grade detector models.

END OF LINE TECHNOLOGY

The Neo™ Line is an advanced line of motion detectors with selectable EOL (End of Line) resistor values. By simply selecting one of the many resistor values available, these detectors can easily be incorporated into the Runner Series of alarm panels or to any other system in the world. This leads to a drastic reduction in installation time and eliminates the need to hardwire EOL resistors.

PERFORMANCE AND RELIABILITY

When the highest levels of performance and reliability are required, the Neo™ Line Series is the ultimate choice for all installers. With over 30 years experience in designing and manufacturing motion detectors, Crow has developed the Neo™ Line Series as the benchmark for all digital motion detectors to come.



2 WAY WIRELESS PIR

Up to 4 year lithium battery life

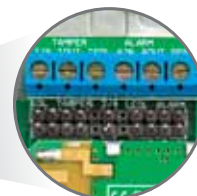


PET IMMUNITY

Pet Immune PIR Detectors up to 25Kg (55Lbs)

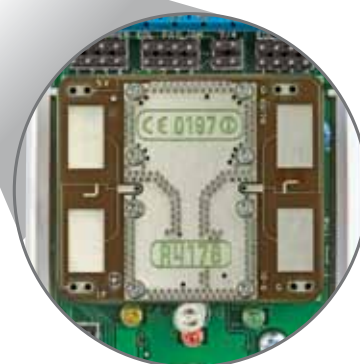
EOL (END-OF-LINE) RESISTORS

Alarm detection, Tamper protection, Anti-Mask supervision are fully supervised by EOL resistors.



ACTIVE IR ANTI-MASKING

Compliance with EN50131 Grade 3 standard



DUAL TECHNOLOGY

Microwave control based on X-Band DRO for optimal detection and elimination of back lobe radiation



DOUBLE TECHNOLOGY & ANTI-MASKING DETECTORS WITH EOL RESISTORS



NEO QUAD DIGITAL QUAD PIR DETECTOR

- Bi-directional temperature compensation
- Slim design for residential installations
- Cost effective

NEO DT DIGITAL PIR & MW DETECTOR

- Digital microwave signal processing
- PIR and microwave sensitivity adjustment
- Bi-directional temperature compensation



NEO QUAD AM DIGITAL QUAD PIR DETECTOR WITH ANTI-MASKING

- Bi-directional temperature compensation
- Slim design for residential installations
- EN50131 Grade 3

NEO DT AM Digital PIR & MW Detector WITH ANTI-MASKING

- Digital microwave signal processing
- X-Band detector
- PIR and microwave sensitivity adjustment
- Bi-directional temperature compensation
- EN50131 Grade 3



FW-NEO / FW NEO 2 WAY FREEWAVE WIRELESS PET IMMUNE PIR DETECTORS

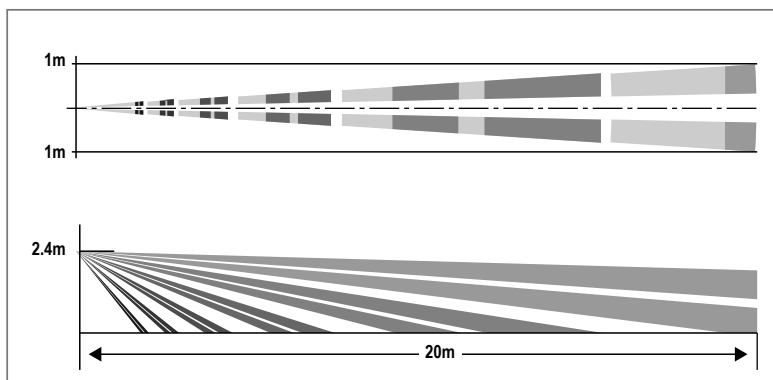
- ASIC based electronics
- Lithium battery powered
- Outstanding catch performance
- Coverage up to 15m (50ft) with 90° standard wide angle lens
- Pet immunity up to 25Kg (55Lbs)
- 868 MHz or 916.5 MHz crystal controlled transmitter



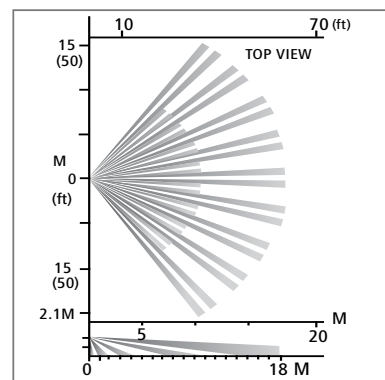
Optional Installation Bracket kit for Wall/Ceiling/Corner mounting



Long Range/Curtain Detection Pattern



Wide Angle Detection Pattern



SWAN™ SERIES

QUAD IMAGING PET IMMUNE DETECTORS

QUAD IMAGING TECHNOLOGY WITH PET IMMUNITY

The Swan line features a unique combination of quad element pyro sensor imaging and advanced ASIC based electronics. The line features Pet Immunity that can virtually eliminate false alarms caused by small animals and pets up to 25 Kg (55 Lbs).

EXCEPTIONAL CATCH PERFORMANCE AND STABILITY

The Swan detectors provide an unprecedented level of catch performance, immunity against visible light and electrical transients together delivering outstanding stability in every security application.

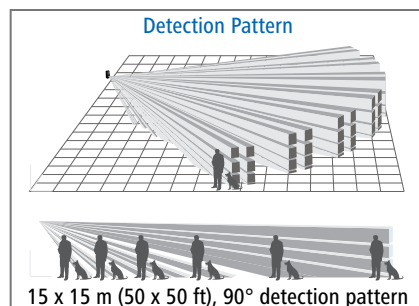
SLIM LINE HOUSING DESIGN

The Swan line features compact and streamlined housings suited for residential and commercial applications. The housing offers easy access for wiring and good space for terminations.

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 a user-friendly bracket kit. The Swan Series offers a special masking device for adapting the detector's lens to a long range curtain pattern.

All models with Pet Immunity
up to 25 Kg (55 Lbs)



SWAN QUAD DIGITAL QUAD PIR DETECTOR

- Bi directional temperature compensation
- Slim design for residential installations
- Cost effective



SWAN PGB PIR, SHOCK AND GLASS BREAK DETECTOR

- 2 separate relays for PIR and Glass Break
- Exceptional detection of plated and tempered glass
- Compact design for commercial installations



SWAN CAM COMBINED PIR DETECTOR & CAMERA

- Separated NO/NC relays for VTR and alarm control
- Timer for VRT activation
- Effective alarm verification with AGC audio and video
- Colour/Black & White Pinhole camera (PAL/NTSC , EIA/CCIR)

**SWAN 1000/SWAN 2000 AM
DIGITAL DUAL TECHNOLOGY X-BAND DETECTORS
EN-50131 GRADE 2**

SWAN 1000

PIR AND MICROWAVE DETECTOR

- Digital microwave signal processing
- PIR and microwave sensitivity adjustment
- Bi directional temperature compensation

SWAN 2000 AM

PIR AND MICROWAVE DETECTOR

WITH ANTI-MASKING FEATURE ON MICROWAVE

- Digital microwave signal processing
- PIR and microwave sensitivity adjustment
- Bi directional temperature compensation



**SWAN DT AM / SWAN QUAD AM
ANTI-MASKING DETECTORS
EN-50131 GRADE 3**

Crow's Swan AM Series offers outstanding Grade 3 compliant detectors with advanced catch performance and anti-masking reliability expected by today's professional installers.

SWAN QUAD AM

DIGITAL QUAD PIR DETECTOR

The Swan PIR AM combines digital signal processing, a quad element pyro and an active IR anti-masking, all-in-one compact slim design.

SWAN DT AM

DIGITAL PIR & MW DETECTOR

The Swan DT-AM is a dual technology K-Band detector which offers adjustable microwave range, bi-directional temperature compensation and self testing.



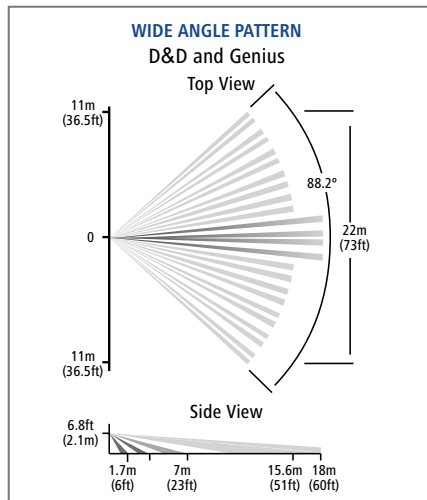
SMART SERIES

DOUBLE DUAL™ AND DOUBLE LINEAR IMAGING TECHNOLOGY DETECTORS

D&D

WEATHER RESISTANT DOUBLE DUAL ELEMENT MOTION DETECTOR

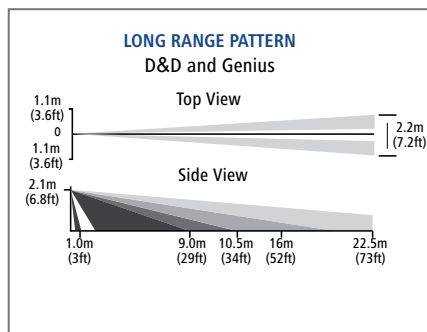
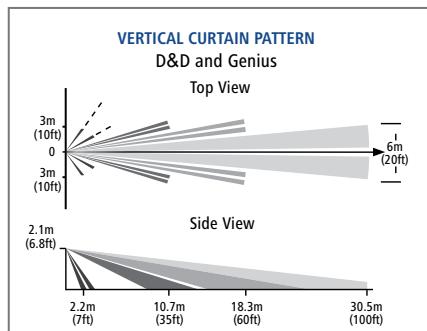
- Unbeatable reliability in hostile environments
- Outstanding catch performance
- Ignores animals, birds and insects
- Latest ASIC technology embedded
- Automatic temperature compensation
- White light immunity
- High RFI and EMI immunity
- IP54 Rated



GENIUS

DOUBLE DUAL ELEMENT MOTION DETECTOR

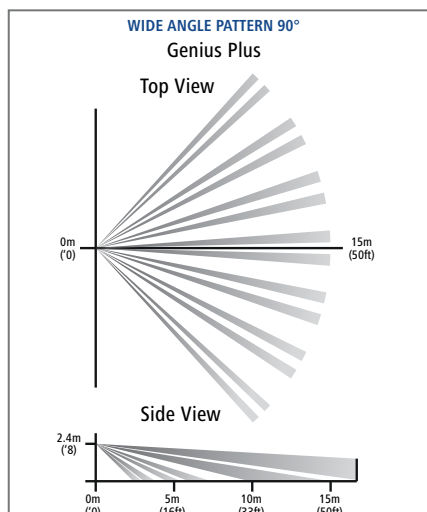
- "Double Dual" system for 3D vision and easy differentiation between a small animal and a genuine intruder
- Advanced ASIC based electronics for supreme accuracy and reliability
- Automatic temperature compensation
- High RFI and EMI immunity
- Adapted for installation in harsh environments



GENIUS PLUS

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 5 kg. (11Lbs) Pet immunity
- Latest ASIC technology embedded
- Automatic temperature compensation
- High RFI and EMI immunity
- Adapted for installation in harsh environments





SRP 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

SRP 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)

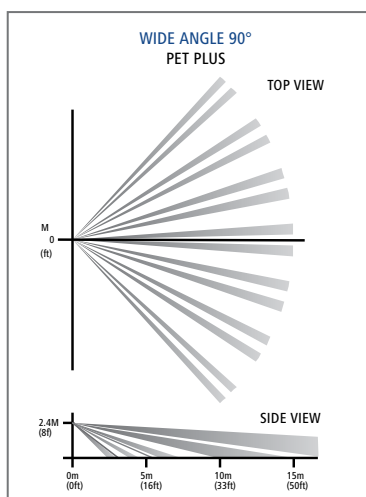
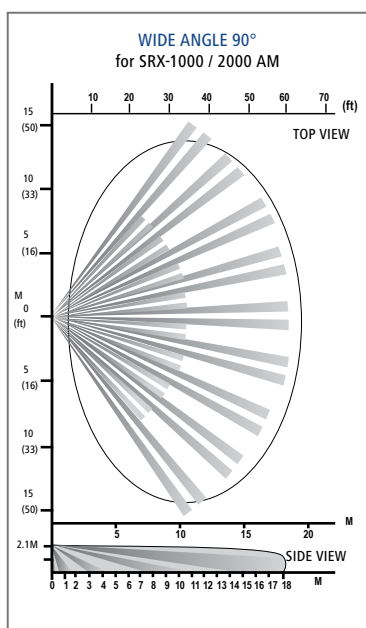
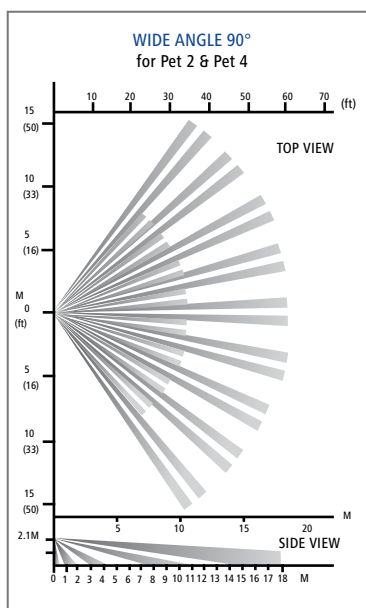
SRX-1000 / SRX-2000 AM

- 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
- And/Or mode
- Microwave frequency: 10.525, 10.687, 9.9 GHz
- SRX 2000 AM - EN50131 Grade 2

PET PLUS / SRP-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 25kg. (55Lbs) Pet immunity
- Super compact design
- Latest ASIC technology embedded
- Automatic temperature compensation
- High RFI and EMI immunity
- Detection Patterns - refer to Genius Plus



MR SERIES

PROFESSIONAL MIRROR OPTICS PIR DETECTORS

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.

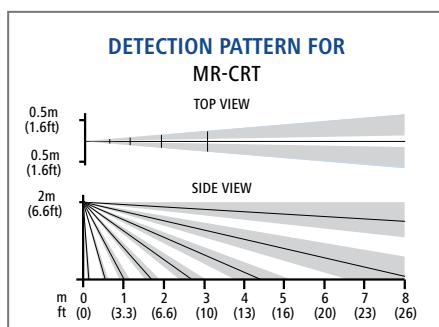


THE
WORLD'S
SMALLEST
MIRROR OPTICS
PIR DETECTOR

MR-CRT

MIRROR OPTICS CURTAIN PIR IN ULTRA COMPACT DESIGN

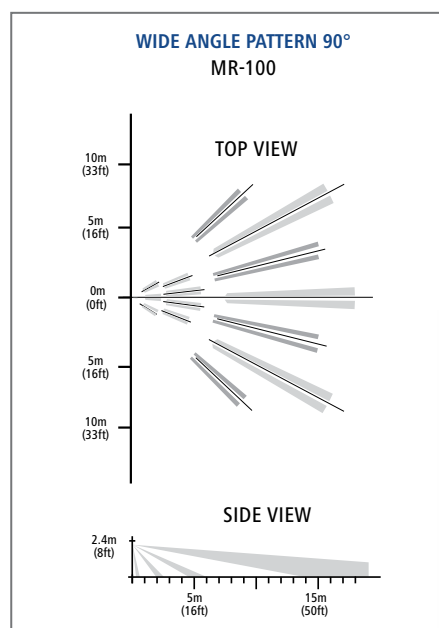
- High precision built-in sealed mirror optics
- 8 curtains of detection
- 8m (26ft) detection range with full creep zone protection
- Automatic temperature compensation



MR-100

COMPACT WIDE ANGLE PIR DETECTOR

- High precision mirror optics
- Dual Element pyro sensor
- 15m (50ft) detection range with 90° wide angle mirror
- Automatic temperature compensation
- Sensitivity adjustment
- Compact design for residential installations



CEILING MOUNT

CEILING MOUNT DETECTORS SERIES

TLC-360

360° CEILING MOUNT PIR DETECTOR

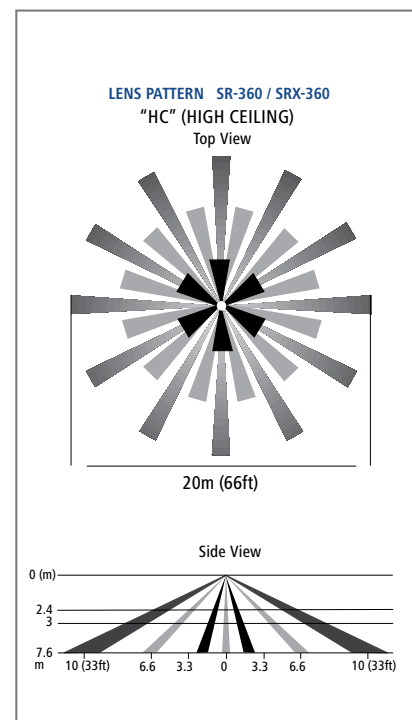
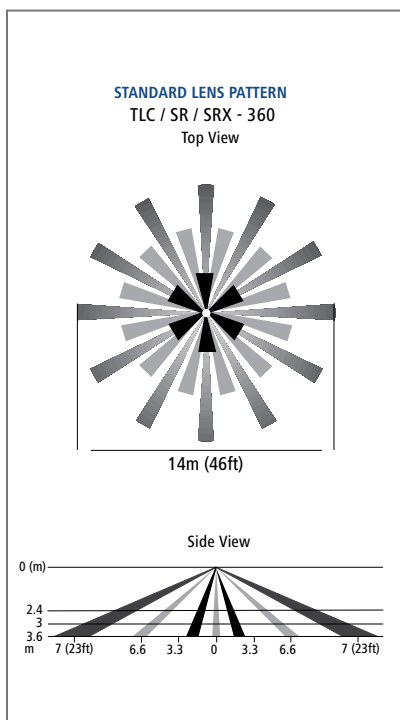
- Unique hard shell spherical lens
- 360° / 14m (46ft) diameter coverage when mounted at 3.6m (12ft)
- Complete range adjustment
- ASIC based technology
- Fully sealed optical chamber
- Extra-wide rear wiring channel



SRX-360

360° CEILING MOUNT PIR & MW DETECTOR

- 360° / 14m (46ft) diameter coverage when mounted at 3.6m (12ft)
- New optional High Ceiling "HC" lens for installation up to 8m (27ft)
- ASIC based electronics
- Suited for harsh environments
- High RFI and EMI immunity
- Rodent Immunity



GBD/SRPG SERIES

VIBRATION AND ACOUSTIC SENSORS

SRPG-II

PIR, SHOCK AND GLASS BREAK DETECTOR

The SRPG-II is a professional passive infrared & Glass Break detector. 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 a window. The unit features separate outputs for each technology for alarm verification.

- ASIC based electronics
- Dual element pyro sensor
- 2 relays for Glass Break and PIR
- 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



GBD-II/GBD PLUS

SHOCK AND GLASS BREAK DETECTORS

- Shock and/or breakage selectable
- Analyzes two frequencies
- Unique signal analysis ignores environmental disturbances
- Memory LED
- ASIC based electronics
- Sensitivity adjustment
- Ceiling or wall mount



VIB-2000

SHOCK SENSOR

- Compact stylish design with front and back tamper protection
- Unique sensitivity and digital processing for best detection performance
- High false alarm immunity
- Wide range of surface protection including doors, glass surface and surrounds, safes, gun cabinets, etc.





Detectors Comparison Table

NEO SERIES	NEO QUAD	NEO DT	NEO CAM	NEO PIR AM	NEO DT AM	FW-NEO	FW-NEO 2 Way
Detection Type	PIR	PIR/MW	PIR Color/BW	PIR/AM	PIR/MW/AM	Wireless PIR	2 Way FW-PIR
Detection Range (m/ft)	15/50	15/50	15/50	15/50	15/50	15/50	15/50
Animal Immunity	25/55	25/55	25/55	25/55	25/55	25/55	25/55
EOL (End of Line)	✓	✓	✓	✓	✓	Not Applicable	✓
Pulse Count	✓	✓	✓	✓	✓	✓	✓
Sealed Optics	✓	✓	✓	✓	✓	✓	✓
Temperature Compensation	✓	✓	✓	✓	✓	✓	✓
Digital Electronics	✓	✓	✓	✓	✓	✓	✓
EN 50131	Grade 2	Grade 2	Grade 2	Grade 3	Grade 3	Grade 2	Grade 2

SWAN SERIES	QUAD	PGB	CAM	1000	2000 AM	QUAD AM	DT AM
Detection Type	PIR	PIR/Shock/GB	PIR/CAM	PIR/MW	PIR/MW	PIR	PIR/MW
Detection Range (m/ft)	15/50	15/50	15/50	15/50	15/50	15/50	15/50
Animal Immunity	25/55	25/55	25/55	25/55	25/55	25/55	25/55
Pulse Count	✓	✓	✓	✓	✓	✓	✓
Sealed Optics	✓	✓	✓	✓	✓	✓	✓
Temperature Compensation	✓	✓	✓	✓	✓	✓	✓
Digital Electronics	✓	✓	✓	✓	✓	✓	✓
EN 50131	Grade 2	Grade 2	Grade 2	Grade 2	Grade 2	Grade 3	Grade 3

MR SERIES	MR CRT	MR 100
Detection Type	PIR	PIR
Detection Range (m/ft)	8/26	15/50
Optic System	MIR	MIR
Animal Immunity	•	•
Pulse Count	✓	✓
Sealed Optics	✓	✓
Temperature Compensation	✓	✓
Digital Electronics	✓	✓
EN 50131	Grade 2	Grade 2

SMART SERIES	D&D (IP54)	GENIUS	GENIUS+	SRP PET2	SRP PET4	SRP PET+
Detection Type	2 PIR	2 PIR	2 PIR	PIR	PIR	PIR
Detection Range (m/ft)	18/60	18/60	15/50	18/60	18/60	15/50
Animal Immunity	5/11	5/11	5/11	25/55	35/77	25/55
Pulse Count	✓	✓	✓	✓	✓	✓
Sealed Optics	✓	✓	✓	✓	✓	✓
Temperature Compensation	✓	✓	✓	✓	✓	✓
Digital Electronics	✓	✓	✓	•	✓	✓
EN 50131	Grade 2	Grade 2	Grade 2	Grade 2	Grade 2	Grade 2

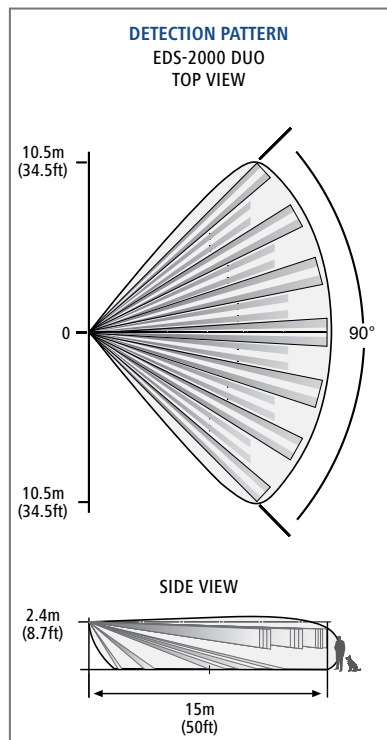
SRP/SRX SERIES	SRP+	SRX-1000	SRX-2000
Detection Type	PIR	PIR/MW	PIR/MW
Detection Range (m/ft)	15/50	18/60	18/60
Animal Immunity	•	•	•
Pulse Count	✓	✓	✓
Sealed Optics	✓	✓	✓
Temperature Compensation	✓	✓	✓
Digital Electronics	✓	✓	✓
EN 50131	Grade 2	Grade 2	Grade 2

EDS™ SERIES

EXTERNAL DETECTION DEVICES

EDS-2000 / EDS-2000 AM QUAD PIR AND MICROWAVE OUTDOOR SENSOR

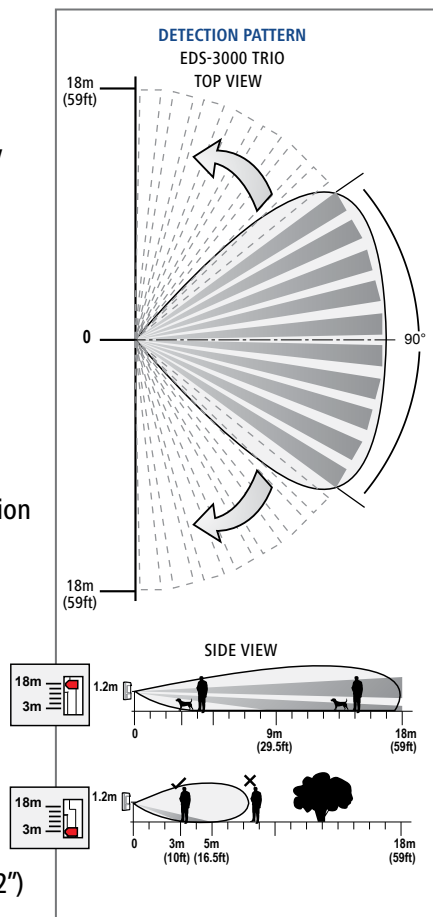
- Up to 55kg (110Lbs) Pet immunity
- Quad Element Pyro sensor
- X-Band 10.525GHz/10.687GHz
K-Band 24.125GHz microwave
- Form C (NC, NO, Common)
- IP55 rated
- 15m (49ft) WA detection range at
2.4m (8.7ft) installation height
- Operation temperature:
-35° to +55°C (-31°F + 131°F)
- Operation Voltage: 9.6 to 16 Vdc
- Over-voltage protection: 1kV per
IEC61000-4-5 and EN-50130-4
- Relay contacts rate: 28Vdc, 0.1A
- EDS-2000 AM with Anti-Masking
- Dim: 175 x 70 x 45 mm (6.9" x 2.8" x 1.8")



Installation Bracket kit

EDS-3000 DOUBLE QUAD PIR AND MW OUTDOOR SENSOR

- Up to 55 kg (110 Lbs) Pet immunity
- Dual Quad Element Pyro sensor
- K-Band (24.125GHz) microwave
- Form C (NC, NO, Common)
- IP55 rated
- Coverage detection pattern of 90°
adjustable within 180°
- Heavy duty polycarbonate housing
- Sealed electronics and optics
- Automatic temperature compensation
- User selectable sensitivity levels
- Superior filtering against sun
and white light
- Operation temperature:
-35°C to +55°C (-31°F + 131°F)
- Operation Voltage: 9.6 to 16 Vdc
- Over-voltage protection: 1kV per
IEC61000-4-5 and EN-50130-4
- Relay contacts rate: 28Vdc, 0.1A
- Dim: 200 x 86 x 80 mm (7.9" x 3.4" x 3.2")





EDS-4000

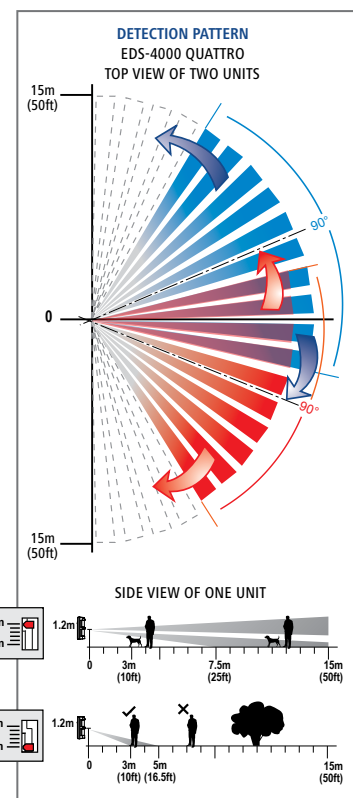
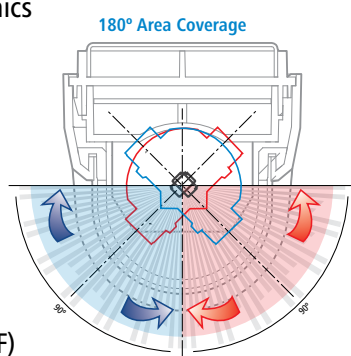
OUTDOOR DIGITAL DOUBLE & DUAL PIR DETECTOR WITH ANTI-MASKING

EDS-4000 Quattro features a combination of two Double & Dual PIR detection units and an advanced digital signal processing.

EDS-4000 Quattro 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 overcoming the disturbances caused by an unstable outdoor environment.

- Double & Dual PIR detection units
- 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.
- Two 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
- Anti-Masking
- Superior filtering against sun and white light
- EN50131 Grade 3 compliant
- IP55 rated
- Operation temperature: -35°C to +55°C (-31°F + 131°F)
- Operation Voltage: 9.6 to 16 Vdc
- Over-voltage protection: 1kV per IEC61000-4-5 and EN-50130-4
- Relay contacts rate: 28Vdc, 0.1A
- Dim: 270 x 80 x 92 mm (10.6" x 3.1" x 3.6")



CSB DIGILON™

INTELLIGENT OUTDOOR MICROWAVE BARRIERS

CSB 200D DIGILON™

NEW DIGILON™ CSB MICROWAVE BARRIERS WITH ADVANCED DIGITAL SIGNAL ANALYSIS

Digilon technology is based on Crow's microprocessor logic. The signal analysis provides a very high performance level and produces virtually no false alarm activations including those caused by adverse weather, interference or environmental changes.

The CSB 200D Digilon™ consists of separate transmitter and receiver units. Mounted facing each other, up to the maximum permitted range, they create a volumetric barrier of protection against intrusion.

The CSB 200D Digilon™ is user friendly and features calibration free technology for improved accuracy and speed of installation. The Crow microcontroller makes all necessary decisions, keeping installer programming to a minimum.

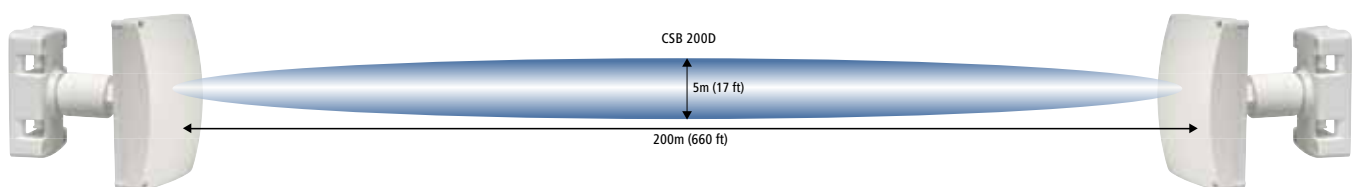
The CSB 200D Digilon™ is the ideal choice for protecting high risk sites such as Power Stations, Prisons, Military installations, High risk industrial areas and many more.



- Detection range of up to 200m (660ft)
- Operating temperature -50°C to +65°C (-59°F to +149°F)
- Weather and attack proof housings
- High RFI & EMI immunity
- IP 65 rated
- Power failure protection and backup
- Extra reliability
- Easy calibration and installation with the "DigiTool"
- Multi-level sensitivity adjustment
- Protection of high security areas
- Special installation mounting poles available



DigiTool



MRX PLATINUM

TRIPLE TECHNOLOGY MIRROR OPTICS DEVICES

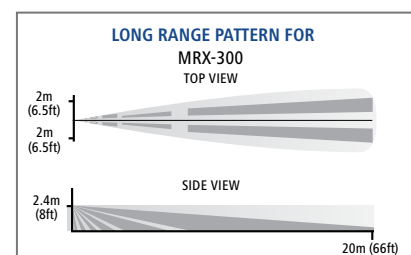
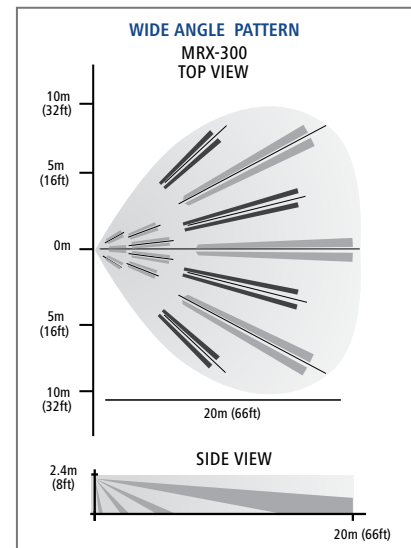
The "MRX Platinum Series" offers a unique combination of varifocal mirrors, ASIC based electronics and durable enclosures for stable performance and reliability in various outdoor high security and CCTV applications.

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 PIR & MicroWave Sensor
- Tamper resistant bracket
- Dual axis tilt sensor for full anti-vandalism protection
- IP65 rated
- ASIC based electronics for ultimate performance and stability
- Greatest immunity against visible light and RFI EMI sources
- Up to 20m (66ft) detection range
- Totally hidden wiring
- Exceptionally easy installation by simply tilting and locking the unit to the alignment requirements



SOUNDERS SERIES

WIRED AND WIRELESS SOUNDERS



NEPTUNE WIRED OUTDOOR SOUNDER

The Neptune is a cost effective outdoor sounder. Featuring a slim design which can easily be customized with housing colours and optional screen printing.

- Attractive slim shape
- 105 dB Piezo Sounder
- Built-in power LED warning lamp
- Low current consumption
- Twin LED indication
- Cover and wall tamper
- IP55 rated electronics
- User friendly installation
- Dim: 317 x 209 x 60 mm (12.5" x 8.2" x 2.4")

FW-NEPTUNE WIRELESS ULTRA SLIM EXTERNAL SOUNDER

- Lithium 3.6 V / 14 Ah Battery operated
- Cover and wall tamper
- IP55 rated electronics
- Up to 5 year Battery lifetime
- Operate with FW-Transceiver which supports up to 8 FW-Neptune sirens



BS-1 WIRED OUTDOOR SOUNDER

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.

- Innovative and Compact Design
- Self contained sounder and strobe unit
- 120 dB output level
- Frequency : 0.5 to 3 KHz
- High grade ABS & polycarbonate housing
- IP55 rated electronics
- Cover and wall tamper protection
- Dim: 280 x 195 x 100 mm (11" x 7.6" x 4")



FW-VESTA WIRELESS INDOOR SOUNDER

- Lithium 3.6 V / 14 Ah Battery operated
- Cover and wall tamper
- Up to 5 year Battery lifetime
- Dim: 155 x 100 x 48 mm (6" x 4" x 2")

Designed for any installation size, powerful, yet easy to use, Acnet controllers are specially suited for high-security on-line access control and real-time alarm monitoring networks.

The Acnet family consists of three controllers:

- AcNetPro
- AcNetPro PLUS
- AcNetPro 4x4

The controller manages access to doors, lifts, parking, guard patrol, CCTV and Time & Attendance. Multiple site applications can be configured with thousands of doors spread over remote locations and linked via TCP/IP modem or RS232/485. The 6 layer PCB for improved protection against RFI makes AcNetPro a robust controller able to withstand the most adverse environments. It is capable of autonomous decisions at the local level without degradation, even in case of communication failure.

AcNetPro

The ideal Access Control controller for small installations. AcNetPro controller has the capacity to manage:

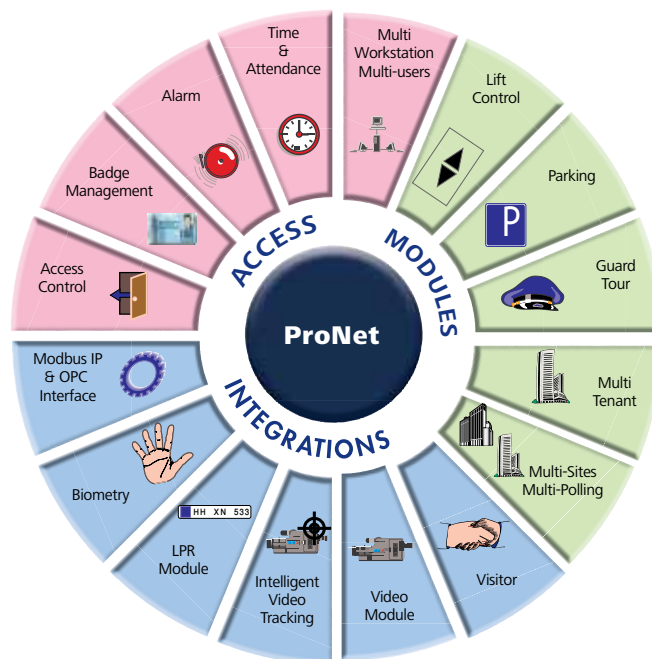
- 2-reader / 2-door
- 5000 users
- 4 outputs
- 11 inputs
- Extension board: EXT-84/RLY 12
- Multi-reader technology
- Flash memory
- Up to 4000 events in memory
- LEDs for communication and relays controls
- Metal or plastic housing

AcNetPro PLUS

The ideal Access Control controller for small and medium installations. AcNetPro open controller has the capacity to manage:

- 2-reader / 2-door
- 4 inputs
- 3 outputs
- Up to 10,000 users
- 4,000 events in memory
- TCP/IP on-board (optional)
- Flash memory
- Large removable connectors
- LEDs for communication and relays controls
- Housing: plastic box with or without CROW power supply

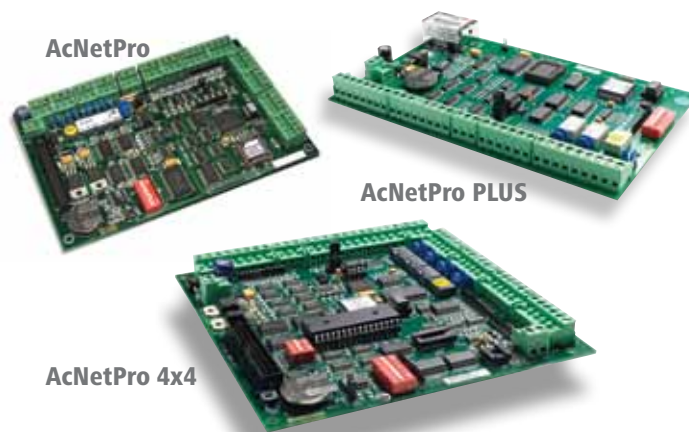
OUR SMART SOLUTION...



AcNetPro 4x4

The ideal Access Control controller for small and medium installations. AcNetPro 4x4 controller can manage:

- 4-reader / 4-door
- 8 inputs
- 4 outputs
- Up to 30,000 users
- 4,000 or more events in memory (optional)
- TCP/IP with extension board
- Flash memory
- Large removable connectors
- LEDs for communication and relays controls
- Housing: plastic box with or without CROW power supply
- Extension board: EXT-84, RLY 12, EXT-16



ACTEC SERIES EXTENSION BOARDS



Alarm In

Where your installation may include hundreds of digital alarm points to be monitored, the Alarm In is the ideal solution.

- 16/24* digital supervised (4 states) inputs
- 4/64* outputs
- RS485 serial port
- Stand-alone operation
- Flash memory
- On-board lithium battery
- Trouble shooting Leds
- Status Leds for outputs & inputs

*with extension board or EXT-16



Alarm In

Extension Boards

CROW has developed four plug-on extension boards to provide cost effective solutions when additional TCP/IP I/O interface or further relays are needed.

- EXT 84 - 8 supervised inputs / 4 outputs
- EXT TCP/IP - TCP/IP interface
- EXT TCP/IP84 - TCP/IP interface with 8 supervised inputs/4 outputs
- RLY 12 - additional outputs (for use in lift management for instance)



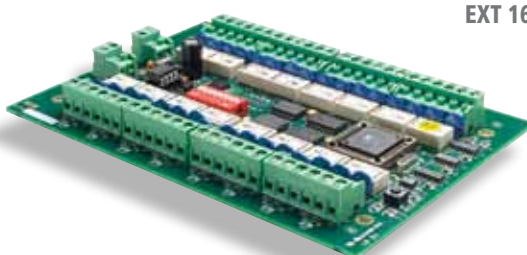
AcNetPro 4x4



EXT TCP/IP84

EXT-16

The satellite board EXT-16 has 16 additional outputs. Up to three satellites can be connected to each Acnet Pro via a second bus through a single twisted pair cable 4x4.



EXT 16

Readers

CROW offers a full range of IP65 readers.



PSQ1



MP1



PR-106



PR-103



ProNet PLUS

The Combination of Power and User Friendliness!

ProNet PLUS is a very sophisticated software for access control and alarm management. ProNet PLUS can monitor unlimited cardholders and unlimited of controllers in multiple workstations, multi-tenants and multi-sites applications.

ProNet PLUS is compatible with:

- Windows 2000-PRO
- Windows XP-PRO / Vista
- Windows 2003 Server
- MS SQL server 2000

ProNet PLUS is easy to configure and use

Pre-configured parameters allow a very fast installation.

■ Easy installation

The database contains the basic setup and gets the system up and running in minutes.

■ Extremely end-user friendly

All settings or adjustments according to company's requirements are possible in just few clicks.

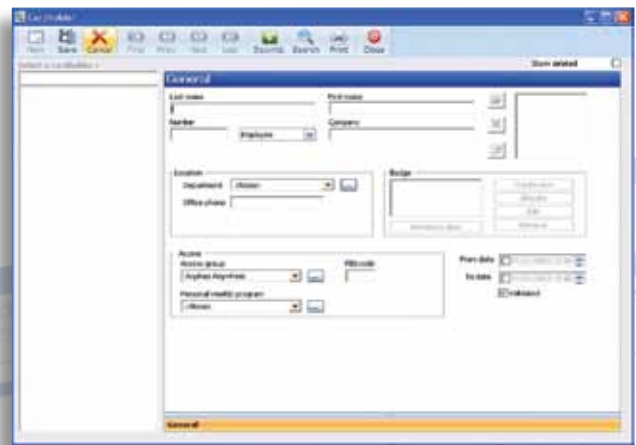
■ Efficiency and security

Thanks to database mirroring, system redundancy and import/export of databases.

Built-in Advantages

■ Huge system capacity:

ProNet PLUS supports an unlimited number of doors, readers, programmable inputs, relays and access levels.





Actions, Processes and Global Reflexes

All actions are available to be sequenced within processes and incorporated into global reflexes, triggered upon predefined events (access, alarm, schedule, etc.).

The following actions can all be activated automatically:

- Flashing icons
- Visual / audible instruction
- External application opening
- Generation / printing / exporting of repo



- Arming / disarming alarm zones
- Card invalidation
- Programmed relay activation
- And more...

Personalised Report Wizard

ProNet PLUS incorporates a user friendly and powerful report wizard to generate, update and export of personalised reports, which can be saved in widely used formats. Reports are compiled from the event journal or from the system database.



Import from External Database

The ODBC compliant database of ProNet PLUS facilitates communication with a third party databas. It allows an easy transfer of the cardholder information from the human resources department, on a regular basis. Automatic import between the two databases can be activated using the global reflex "Scheduler".



Time & Attendance

Time & Attendance reports show how long cardholders have spent on the site. It eases the calculation of individual or groups of employees daily and total hours over a definable period. The employees transactions can easily be exported to external Time & Attendance or payroll applications.





Multi-Tenant & Multi-Site Multi-Polling Applications

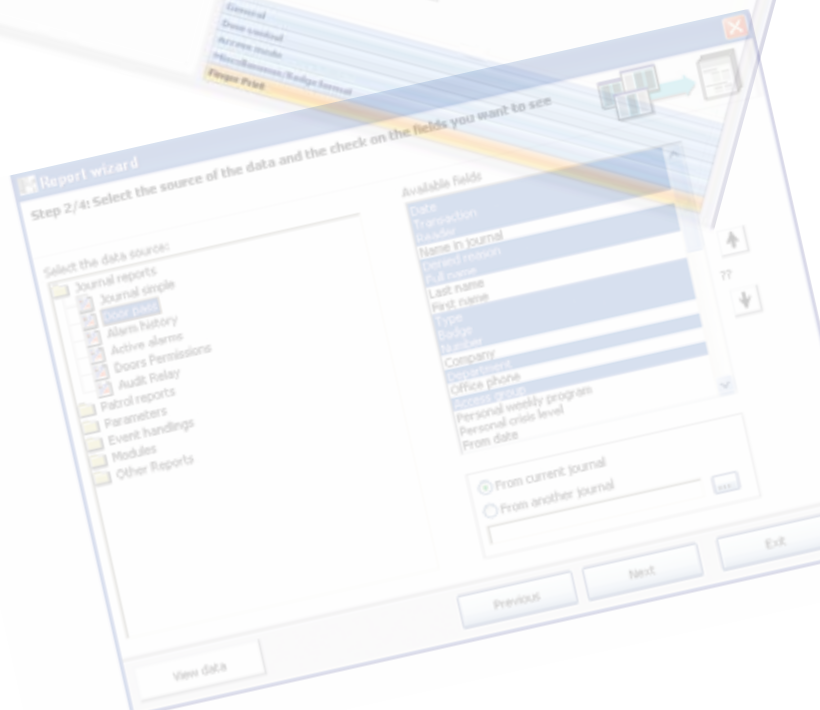
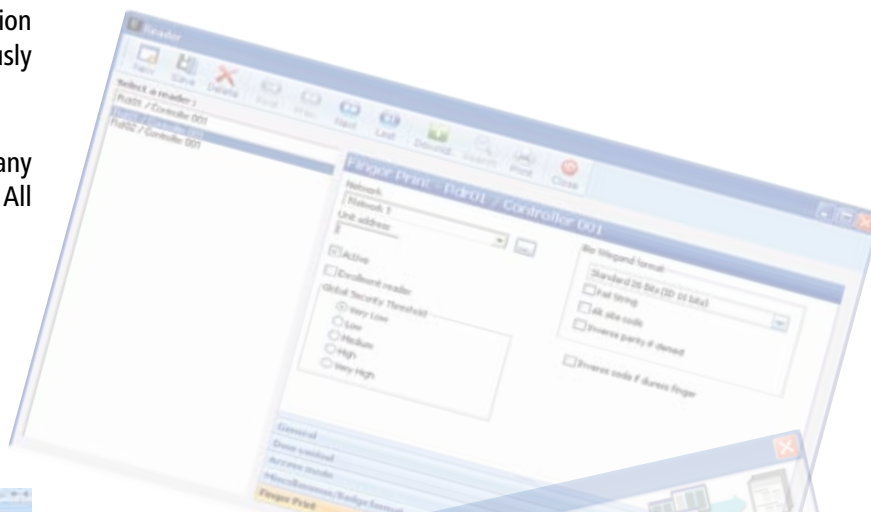
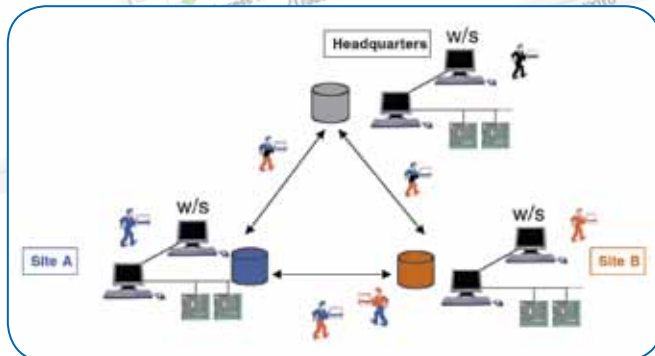
Multi-Tenant

A single access control system installed in a multi-tenanted building can be shared by different companies with each entity having the right to control the information corresponding to their own part of the database. ProNet PLUS may also supervise common resources such as main entrance, car park, restaurant...

Multi-Site Multi-Polling

Allows management of several sites in different locations. Each site is independent, communicating with its own controllers, and operating with or without communication from headquarters. The local database is continuously replicated on all other sites.

Users may work from any workstation and manage any site, according to their respective authorization levels. All authorized users may view the Log of any site.



STAND ALONE CONTROLLERS

SC-103 CONTROLLER

- 40 users database
- Quick installation
- User friendly operation
- RTE optional input
- Door contact optional input
- IP66



SC-106 CONTROLLER WITH KEYPAD

- 128 users database
- PIN code or proximity card entry
- Quick installation
- User friendly operation
- RTE optional input
- Door contact optional input
- IP66



PROXIMITY CARDS AND TAGS

The AcTec readers support AcTec keytags, AcTec proximity cards or other compatible cards and ID's.





www.thecrowgroup.com

This catalogue 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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