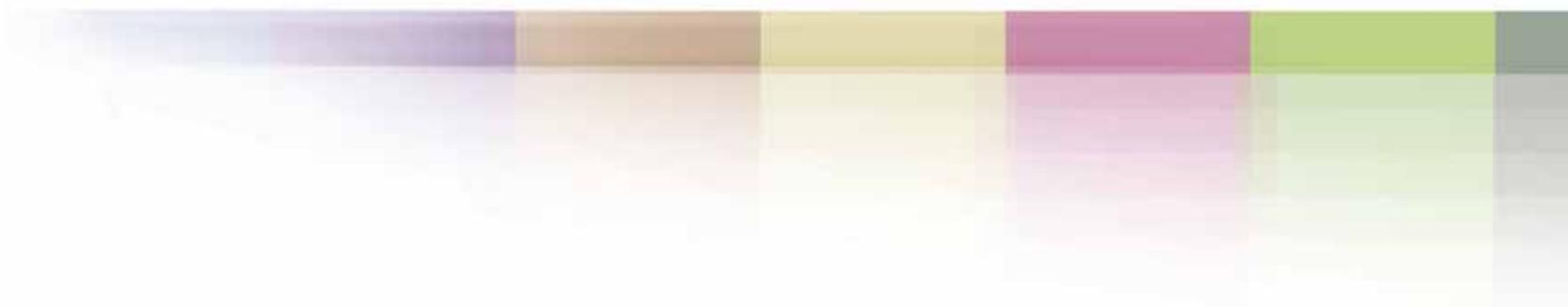


PRODUCT CATALOGUE ►

ROKONET

2005 / 2006

Intelligence in the Service of Security



Intelligence in the Service of Security

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Company Profile

Rokonet

The brains behind every installation

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Discover the unlimited options of wireless

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Detectors

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Intelligence in the Service of

ROKONET – an established industry leader - designs, develops and markets a comprehensive range of cutting-edge, high performance security and surveillance products - including integrated systems, detectors and wireless systems – for commercial, industrial, institutional and residential applications around the world.

Utilizing the latest technologies, ROKONET's skilled, multidisciplinary team creates a steady stream of exciting new products to quickly answer the needs of a developing market. These innovations also allow the company to exploit the range of global opportunities across a variety of market segments - including the complex area of Security and Building Management.

“Leading the way in global security through powerful concepts and dependable products”

Menu-driven, easy-to-program software is available for the entire range of ROKONET systems, from standalone wireless to high-end integrated systems. Intrinsic to new ROKONET products and systems are sophisticated remote diagnosis and control capabilities, advanced communication options and seamless, end-to-end integration possibilities.

In the field of detection, proprietary innovations, including Anti-Cloak™ Technology (ACT™), Digital Correlation Technology and Sway Recognition Technology, are raising industry standards for performance and accuracy.

ROKONET's worldwide reputation for reliability is based on the company's strong and unwavering commitment to excellence. From initial concept through development and delivery, every aspect of every ROKONET product is designed to ensure the highest quality, dependability, ease-of-installation, ease-of-use and cost-effectiveness.

ROKONET is ISO-9001-2000 certified in R&D, Engineering, Sales and Service; its products are approved by leading testing organizations, including CE, UL, Vds, BSI, AFNOR and IMO.



n the e of Security

*Delivering innovations that enable
easy-to-install, easy-to-use, reliable solutions*

ROKONET's products are sold in over 60 markets around the world - including North and South America, Europe, Australia, Africa and the Far East - through a global network of subsidiaries, distributors, large installation companies and associates. Supported by multi-lingual marketing and training materials, these dedicated professionals ensure the continuing worldwide availability of ROKONET's products, as well as the real-time customer support and global responsiveness to local needs to which ROKONET is 100% committed.

Close, ongoing cooperation with ROKONET's global partners guarantees up-to-the-minute input regarding on-the-ground market demands, as well as the rapid response and teamwork required for successful collaboration on major projects around the world. By supporting a diverse cross-section of market segments, ROKONET ensures its customers and partners of continuously expanding business opportunities.

*“Meeting the needs of the
multiple markets and myriad
challenges of the worldwide
security industry”*

ROKONET's wide-ranging technological capabilities, dedication to innovation, unfailingly dependable products, and commitment to global customer support have won the respect and appreciation of surveillance organizations and security installers everywhere.

ROKONET is part of the RISCO Group, which combines decades of experience in the security field with exceptional development capabilities and worldwide customer support services.

Empower you

ROKONET's comprehensive range of security systems ensures complete project flexibility, providing ideal solutions for every size and type of installation – from small residences to large institutions. Utilizing the latest technologies, ROKONET offers the most advanced remote diagnostic tools, sophisticated network communications, and integrated security and building management software.

Centralizing a vast array of features into convenient, well-designed panels, these easily programmed systems offer significant, ongoing benefits for both installers and end-users everywhere. The built-in scalability of the larger systems ensures ongoing revenue opportunities for installers, enabling the addition of cost-effective accessories in response to end-users' changing needs.

ROKONET systems comply with all relevant international standards, and are specially designed for easy installation, easy operation and 100% reliability. Customized for local markets, ROKONET systems are used in banks, universities, retail chains, office and residential complexes and thousands of other locations around the world.

ROKONET backs up all of its systems, wherever they are installed, with years of experience in the field and the highest level of ongoing technical support.

ourself

Systems ▶

ProSYS | ORBiT



ROKONET Systems - The brains behind every installation!

ROKONET's unique systems offer exactly what you need...

Easy installation, seamless integration & 100% reliability

ProSYS

Integrated Security Systems

ProSYS™ - Total Integration ... Sheer Opportunity.

ProSYS is a cutting-edge security system that was developed by ROKONET in response to the changing needs of installers around the world. Integrating intruder alarm, access control, wireless 868/433MHz hybrid expansion and automation, ProSYS was designed for use in a wide range of institutional, industrial, commercial and residential applications.

ProSYS is easily installed and programmed using ROKONET's advanced Auto-Install™ Technology. During setup, the system recognizes and enables rapid configuration of connected elements and accessories to simplify the installation.

With its comprehensive set of features, ProSYS offers unrivalled flexibility and extensive expansion capabilities. ProSYS accessories include Interactive Voice Module, Integrated Access Control and TCP/IP communication for linking to local or remote networks.

The unique ProSYS remote diagnostic tools introduce a new level of remote service, enabling the pinpointing of problems prior to site visits, including the simplified location of intermittent troubles with the bus communication quality test.

Accessories are easily integrated into existing installations, ensuring installers ongoing business opportunities. With 3 models supporting 8-128 zones, ProSYS is the ideal choice for any professional security installation.



Specifications:

	ProSYS 16	ProSYS 40	ProSYS 128
Security			
Zones	8-16	8-40	8-128
Zone expansion (wired or wireless)	8	32	120
Number of expansion buses	1	1	2
Partitions	4	4	8
Groups per partition	4	4	4
User Codes	30	60	99
Programmable Outputs	6-22	6-38	6-70
Supervised Power Supplies	8	8	8
Digital Key Readers	16	16	16
Keypads	8	12	16
Account numbers	4	8	12
Weekly time schedules with 2 intervals per day	8	16	32
Event Log	250	250 expandable to 512	250 expandable to 999
Access Control			
A/C Modules	2 (4 doors)	4 (8 doors)	8 (16 doors)
Users with A/C capability	250	900	900
Users with arm/disarm and A/C capability	30	60	99
Interactive Voice Module			
Follow-me numbers	8	8	16
Personalized messages (Common, Zones, Partitions, Outputs)	1,16,4,8	1,32,4,8	1,32,8,8

Main Panel	
Main Power	16.5V AC – 40VA transformer from 230V AC
Auxiliary Power	12V DC – 1.5A
Battery – maximum allocatable	12V DC – 17 AH
Programmable outputs on main board	6 – one 3A relay, one 500mA open collector and four 70mA O.C.
Tamper Inputs	Main box tamper NC, bell/siren box tamper EOL
Overload Protection	Automatic fuses
Operating Temperature	0°C – 55°C
Main Box Dimensions	375 x 330 x 98 mm

ProSYS Laptop Demo Board

ROKONET's ProSYS Laptop Demo Board is both a sophisticated sales tool and an ideal training tool, enabling you to exhibit the simple programming and other unique benefits of ProSYS. This unit plugs and plays straight out of the stylish laptop travel bag.



ProSYS Benefits

Commercial Benefits

- Generates more revenue
 - Additional business opportunities
 - Entry into the Access Control market
- Saves on overhead costs
 - Simple installation
 - Training on one system
 - Reduces stock and spare parts
- Responsive Customer Support
- Comprehensive marketing tools
 - Demo Boards
 - Brochures, Posters, Banners
 - Presentations
 - Training Kit

Technical Benefits

- Learn to install one system only
- Simple installation
 - Auto Install™ Technology
 - Menu-driven LCD keypad
- Variety of programming methods
 - Keypad
 - Up/Download software
 - Program Transfer Module
- Up/Download with Central Database
- Advanced local and remote diagnostic tools
- Simple service tools
 - BUS test
 - Communication test
 - One-man walk test
- 100% Reliability

User Benefits

- Cost effective system solution – saves maintenance and installation time
- One integrated system manages all security, home automation and access control devices
- Fast IP network connectivity enhances monitoring and security
- Variety of easy-to-use operation options
- High security features to ensure maximum safety, including: 6 digit codes, 2 user codes to disarm, different levels of users security
- Learn to operate one system only, with one set of rules

ProSYS

Integrated Security Systems

Keypads

- Elegant 16x2 character LCD keypads with proximity key tag option
- Intuitive menu-driven user interface
- View status of all partitions in one glance
- Affordable 8 or 16 LED keypads option
- 4 one-touch buttons for easy group arm/disarm or macro operations



New!

Addressable Indoor & Outdoor Detectors

Install these advanced detectors on the ProSYS bus and discover an entirely new level of remote service and installation convenience. ProSYS enables Remote Control and Diagnostics via the Upload/Download software or system keypads.



Digital Electronic Keys

- For easy arm/disarm operation
- Up to 16 digital key readers
- Same reader supports multiple partitions
- Easy code programming



Wireless Expansion

- 8 or 16 zone wireless expansion receivers with internal antennas
- 433 or 868 MHz super-heterodyne technology
- Noise measurement and detector signal strength displayed on LCD keypad, provides confidence to the installer regarding wireless communication quality
- Signal jamming indication with adjustable threshold enables increased immunity to jamming false alarms
- Elegant 4 button key-fobs, rolling-code or universal transmission, 3 year battery life
- Wireless PIR, PIR pet and smoke detectors
- Wireless magnetic contact and universal transmitters with 5 year battery life
- Pulse count transmitters for shutter protection
- Detection of low battery for each transmitter
- Programmable supervision time and tamper detection

* For Wireless Accessories please see pages 28-31



Supervised Power Supplies

3A Switching Mode Power Supply (SMPS)

- 3 Amp Switching Mode Power Supply with full self supervision
- Advanced remote diagnostics – includes upload/download or keypad display of voltage output and load current readings
- Automatic battery protection and conditioning, with remote battery voltage reading
- Built-in 1.7 Amp siren driver, with remote reading of siren current
- Includes two 3A relay outputs

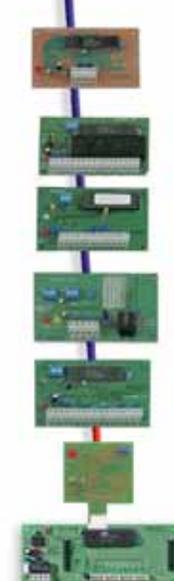
New!

1.5A Power Supply Expansion

- 1.5Amp 12V power supply for additional modules and siren drivers
- Fully supervised for low battery, AC power loss, bell loop, auxiliary failure
- Built-in 900 mA siren driver
- Tamper supervision

Interactive Voice Modules

- Operate the system via a mobile phone
- Receive pre-recorded or personalized event messages to Follow-me numbers
- Listen-in and speak-in to the premises
- System status announcements
- Full voice menu guide



New!

- Remote control
- Upload software
- Download software
- Remote diagnostics
- Remote control
- Upload software
- Download software
- Remote diagnostics

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New!

External Sounder

- Rokonet's new External Sounder is fully supervised and remotely diagnosable when installed on the ProSYS bus.
- Unique long-life Surface Light Technology (SLT) strobe
 - Anti-foam, anti-drilling and anti-approach protection with adjustable sensitivity
 - Remote Control and Diagnostics via ProSYS include measurements of siren input voltage and current, speaker current, battery voltage and battery load test



ProSYS Remote Communication

Remote monitoring and communication via a built-in Digital Dialer, ACM module or GSM/GPRS module.

- Support of all major pulse, SIA and Contact ID formats
- 3 Monitoring Station numbers for backup monitoring
- Up to 12 different account numbers – to associate account numbers according to backup monitoring station requirements
- Unique remote diagnostic capabilities via upload/download, with database sharing

New!

Advanced Communication Module (ACM)

- Enables fast, economic and constant TCP/IP communication between the alarm panel and the Central Monitoring Station over network infrastructure (LAN and WAN)
- Fully supervised accessory of the ProSYS
- Secure communication with full SSL suite, encryption cipher key altered frequently
- Multiple channel Ethernet and Fast Modem interface
- Events may be reported to email addresses
- IP Receiver software available for compatibility with Monitoring Station applications

New!

GSM/GPRS Module

For primary or backup Central Station reporting, SMS messages, voice messages and Upload/Download operation via cellular networks

Integrated Access Control

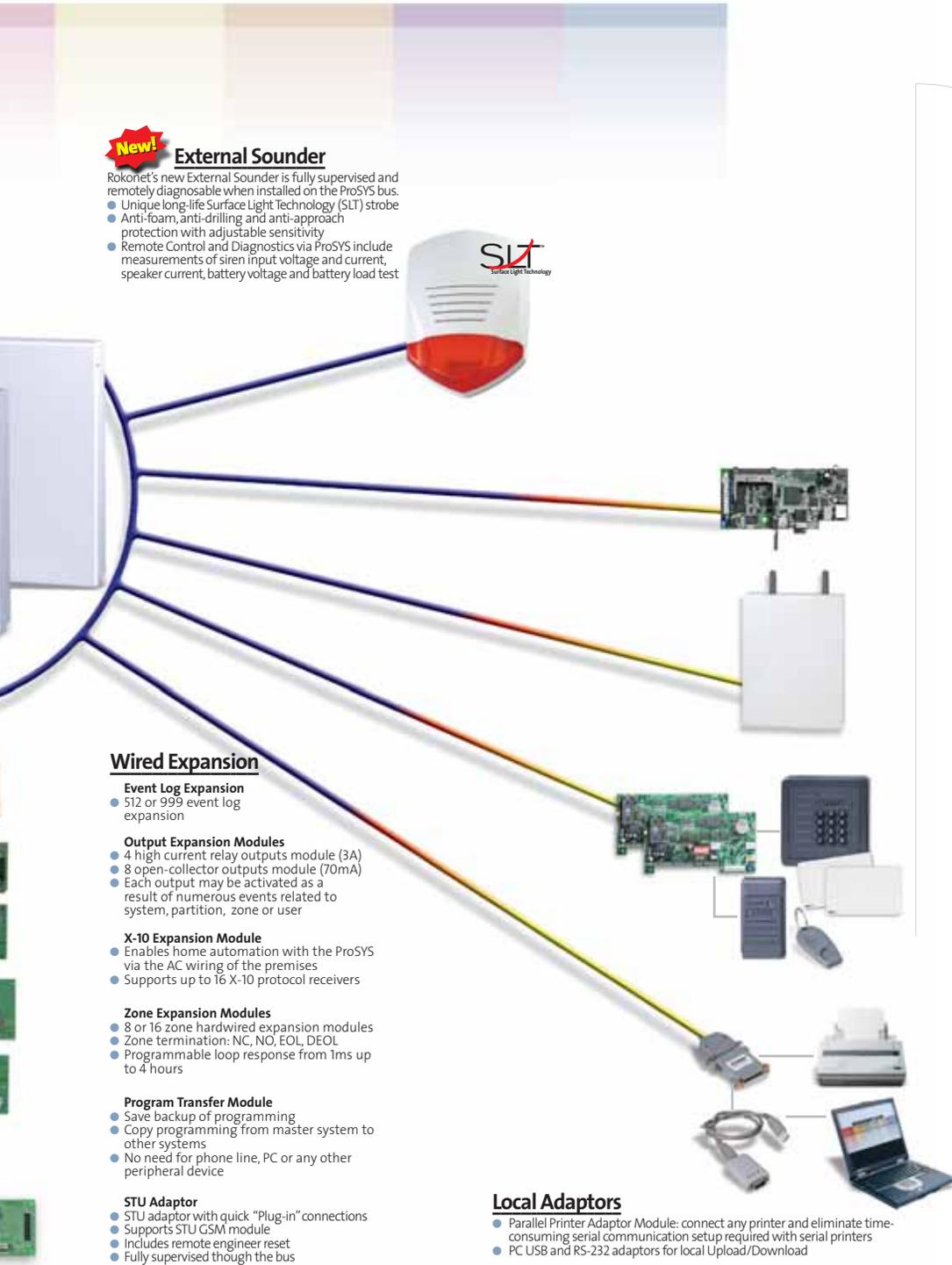
- Arm/Disarm the alarm system easily with an access card, a key tag or a keypad
- Define who has access to the premises and when
- Monitor up to 1000 users and generate activity reports
- Control the access for up to 16 doors independently
- Each module supports 2 doors
- Supports magnetic, proximity, barcode and biometric readers (Wiegand and Clock&Data protocols)
- Anti-passback feature
- Simple programming via Up/Download software or via control panel keypad

Wired Expansion

- **Event Log Expansion**
 - 512 or 999 event log expansion
- **Output Expansion Modules**
 - 4 high current relay outputs module (3A)
 - 8 open-collector outputs module (70mA)
 - Each output may be activated as a result of numerous events related to system, partition, zone or user
- **X-10 Expansion Module**
 - Enables home automation with the ProSYS via the AC wiring of the premises
 - Supports up to 16 X-10 protocol receivers
- **Zone Expansion Modules**
 - 8 or 16 zone hardwired expansion modules
 - Zone termination: NC, NO, EOL, DEOL
 - Programmable loop response from 1ms up to 4 hours
- **Program Transfer Module**
 - Save backup of programming
 - Copy programming from master system to other systems
 - No need for phone line, PC or any other peripheral device
- **STU Adaptor**
 - STU adaptor with quick "Plug-in" connections
 - Supports STU GSM module
 - Includes remote engineer reset
 - Fully supervised through the bus

Local Adaptors

- Parallel Printer Adaptor Module: connect any printer and eliminate time-consuming serial communication setup required with serial printers
- PC USB and RS-232 adaptors for local Upload/Download



ACM

Advanced Communication Module

The ACM is an advanced TCP/IP module that enables organizations – especially those with multiple sites – to seamlessly link their security systems to their LAN/WAN networks, using existing Internet and Intranet connections. The ACM is based on an open architecture design, which enables easy integration and customization, according to individual project requirements.

Remote access, monitoring, diagnostics, maintenance and scheduling can be easily performed from any PC at any time, from any location - via a fast, secure, low-cost connection. This advanced module guarantees secure communication with a full SSL stack, using AES256 bit encryption and with frequent cipher key changes.

ACM Features:

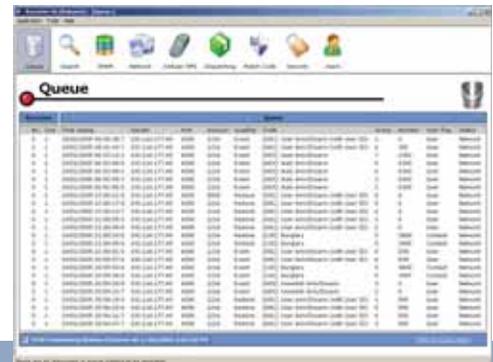
- Provides IP connectivity over networks supporting the TCP/IP protocol (LAN and WAN)
 - Secure communication with full SSL stack using AES256 bit encryption; Cipher key changed frequently
 - Compatible with 10BaseT and 100BaseT networks
 - Supports simultaneous multiple channel TCP/IP communication—Upload/Download communication and MS event reporting can be performed simultaneously
 - Selected events may be reported to two different email addresses. Security Manager can receive security events, while installer receives technical indications only
 - Supports dynamic network addressing (DHCP)
 - Module firmware is upgradeable remotely
 - Open architecture enables easy integration and customization according to project requirements
- Optional interfaces include:
 - Fast Modem 56Kbps
 - Two RS232C interfaces
 - USB interface
 - Additional RS485 interface
 - PCMCIA interface



IP Receiver Software

Rokonet's advanced IP Receiver Software is a Windows-based software package that works in conjunction with the ACM TCP/IP module.

Running on a network PC in the Central Control Room, this sophisticated software receives the encrypted protocol from ProSYS and ACM via TCP/IP and translates the events into standard protocols used by Monitoring Station applications (e.g., Contact ID).



SynopSYS™

Integrated Security & Building Management Software

Rokonet's sophisticated new Security and Building Management Software enables simplified and completely integrated site management and control via intuitive, drag&drop-based synoptic maps.

Designed for easy project implementation by system integrators, SynopSYS is ideal for commercial and public buildings, complexes and distributed organizations.

The software's wide range of functions can include security, access control, digital video surveillance, fire and flood detection, as well as building control and maintenance such as HVAC (Heating, Ventilation, and Air Conditioning) and elevators.

Networking capabilities provide control of both single and multi-site facilities via WAN or LAN and enable effective, reliable surveillance and rapid response to events.

Due to its open architecture and immediate compatibility with any UPnP device, SynopSYS can be easily integrated with other hardware and software.

SynopSYS Main Features

- HMI and display development tools including a library of security and building management icon and graphics
- LAN/WAN capability with central database
- SynopSYS is UPnP compliant enabling immediate communication with any UPnP compliant device
- Open architecture - enables easy integration
- Modular - enabling selection of required modules per project.



ProSound

Professional External Sounders

ROKONET's advanced ProSound External Sounder combines exceptionally high performance and reliability with an elegant design, making it the ideal addition to any burglar or fire alarm installation.

Based on ROKONET's innovative Surface Light Technology (SLT™) - in which light is emitted from a surface mount device - ProSound requires significantly less current and extends the expected lifetime of the strobe to up to 50,000 hours.

Offering a unique level of protection from intruders as well as from the environment, ProSound includes patent-pending anti-foam, anti-drilling and anti-approach technology plus a weatherproof and vandal-resistant cover.

ProSound can be purchased as a standalone unit and connected to any control panel. It can also be installed in conjunction with ROKONET's systems, adding sophisticated remote control and diagnostic capabilities that ensures ongoing savings in time and truck-roll.



ProSound Features

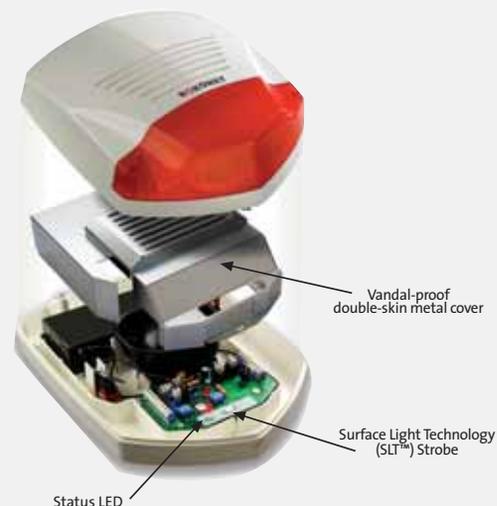
- Long-life SLT™ strobe (patent pending) combined with 106 dBA sounder
- Unique anti-foam, anti-drilling and anti-approach protection (patent pending)
- UV-treated weatherproof and vandal resistant polycarbonate housing
- Double skin with internal metal cover
- Simple installation and maintenance
- Remote Control and Diagnostics when connected to Rokonet's systems
- Input protected against polarity reversal, interferences and over-voltages
- Negative and positive triggering inputs
- Auto-recharging battery circuit
- Automatic battery disconnection prevents battery deep discharge
- Battery enables 36-hour backup or 80 minutes alarm
- Wall and cover tamper with internal EOL resistor
- Arm/Disarm and alarm memory indications via status LED

Specifications

Input voltage and current	13.5 to 14.2 VDC, 200mA maximum
Standby current consumption	54mA + battery charge current
Battery charge current	140mA maximum
Operating current (Siren + Strobe)	1A nominal (1.6 A maximum)
Speaker Sound level	106 dBA at 3 meters
Tone frequency	1500-1800 Hz
Strobe light	Surface Light Technology SLT™ with 6000 mcd
Strobe lens	Polycarbonate
Strobe flash rate	60 times per minute
Backup battery (not supplied)	SLA (Sealed Lead Acid) rechargeable, 12V, 2.2 Ah, UL approved, Size (L x H x W): 178 x 64 x 35 mm
Battery discharge protection	Automatic disconnection below 10.5 VDC
Ingress protection	IP 34 rating
Operational temperature	-25°C to 70°C (-13°F to 158°F)
Humidity	95% maximum
Housing material	Polycarbonate with UV protection
Tamper contact	0.5A, 24V, termination NC or internal EOL resistor
Anti-foam contact	0.1A, 24V, NC termination
Dimensions (H x W x D)	305 x 218 x 116 mm
Weight (without battery)	2.03 kg
Compatibility	All control panels
Rokonet systems compatibility	4 wire RS485 bus, up to 300m from main panel

Remote Control and Diagnostic Features when Installed on Rokonet Systems' Bus

- Remote reading of input voltage level
- Measurement of input charge current
- Remote speaker current level (when speaker is active)
- Remote battery voltage level measurement
- Initiate battery load test
- Programmable strobe flashing frequency (20 to 60 times/minute)
- Adjustable anti-foam attack sensitivity

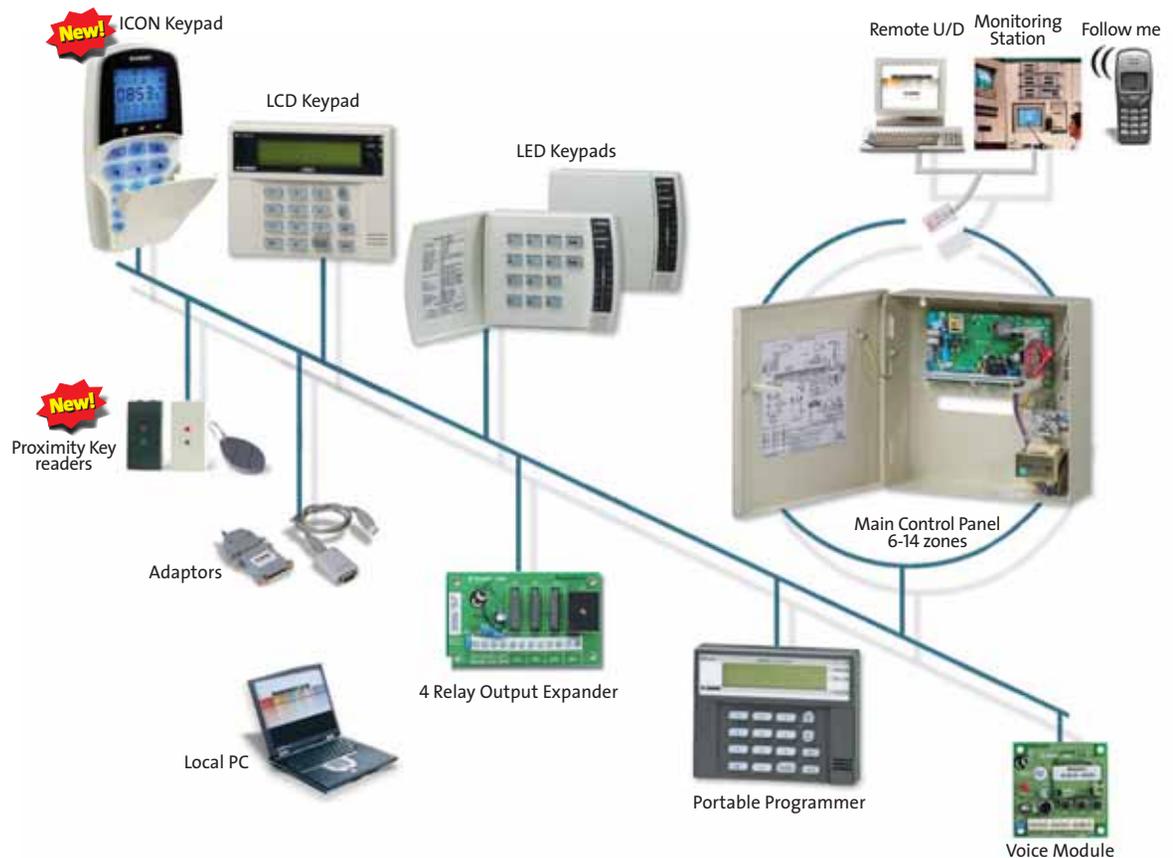


ORBiT

ORBiT™ - Small Systems with Big Benefits

ORBiT Security Systems are designed for residential and small commercial environments. Supporting installations of up to 14 zones, the ORBiT series provides high performance and an extensive range of features that deliver value for you and your customers.

ORBiT panels have a built-in digital communicator, and a choice of attractive ICON, LED or LCD keypads. The unique portable programmer and Windows based Upload/Download application will ease your installations and save you time and money.



ORBiT-14

As the newest member of the ORBiT family, ORBiT 14 is based on ROKONET's field-proven and best selling ORBiT 6. Expandable from 6 to 14 zones, the ORBiT 14 is uniquely flexible and easy to install, and supports all major reporting formats.

A multitude of additional benefits, including a Group feature enabling 4 partial arming levels, 3 built-in programmable outputs, and a range of elegant keypad designs – including a convenient Icon keypad - make the ORBiT 14 the ideal choice, bringing peace of mind to your customers and cost savings to you.

ORBiT 14 Main Features

- Expandable from 6 to 14 fully programmable zones
- 3 programmable outputs on main board – expandable up to 6
- 4 arming levels with zone group feature
- 250-event log
- 20 user codes, each with a duress code
- 5 users' authority levels
- Telephone line supervision
- Bell and Box tamper supervision
- 4 Follow-Me phone numbers with optional voice messages
- Supports major pulse formats, Contact ID, SIA and Ademco Express 4/2
- 2 Central Station phone numbers
- Built-in siren driver - 900mA
- Callback feature for use with Upload/Download to increase security
- Up to 6 ICON/LCD/LED keypads can be connected
- Automatic daily arming

ORBiT 14 Keypads

- Intuitive ICON Keypad
 - Simpler operation and programming compared to LED keypads
 - Dedicated Panic, Fire & Medical keys
 - Attractive blue backlight
- Elegant 6,8 and 14 zone LED keypads
- Elegant LCD keypad with friendly menu driven interface
- 2 zone inputs on keypads (except on 6 zone LED keypad)
- 3 emergency zones on keypad: Panic, Fire and Medical
- Additional panic zone input on keypads
- Double tamper (cover & wall) protection
- Large backlit keys with audible feedback

Proximity Key Readers

- For simple and cost effective arming/disarming of the system
- Connect up to 4 Proximity Key Readers

New!



ICON keypad



LCD keypad



6 / 8 / 14 zone LED keypads



Proximity Key Readers

ORBiT

ORBiT-6

Rokonet's ORBiT 6 is installed in thousands of homes and small businesses worldwide. Supporting up to 8 zones with an extensive range of features, it is easy to install, easy to use and delivers value to your customers and to you.

ORBiT 6 Main Features

- 6 fully programmable zones on main board
- Expandable to 8 zones by 2 zone inputs on keypad
- Additional panic zone input on keypad
- 3 emergency zones on keypad: Panic, Fire, Special Emergency
- Up to 4 programmable outputs
- 2 arming levels
- 100 event log
- 10 user codes, each with a duress code
- Digital communicator on main board
- Portable Programmer for easy installation
- Windows-based Upload/Download, local or remote
- 4 Follow-Me phone numbers with optional voice messages
- Supports major pulse formats, Contact ID, SIA and Ademco express 4/2
- 2 Central Station phone numbers
- Built-in siren driver – 750mA
- Call-back feature for use with Upload/Download to increase security
- Up to 4 LED/LCD keypads can be connected

ORBiT 6 Keypads

- Elegant 6 zone LED keypad
- Elegant 8 zone LED keypad with 2 zone inputs
- Elegant LCD keypad with 2 zone inputs
- 3 emergency zones on keypad: Panic, Fire, Special Emergency
- Additional panic zone input on keypad
- Large backlit keys with audible feedback



6 zone LED keypad

LCD keypad

ORBiT - 6/14 Accessories

Portable Programmer

- Fully portable to ease any installation
- Menu-driven LCD display
- Online programming
- Stores up to 10 program templates
- Quick connector to system bus for fast upload/download of configuration templates

Voice Module

- Up to 3 separate voice messages, totaling up to 40 seconds
- Messages can be assigned to different Follow-Me phone numbers

Output Expansion Module

- 4 programmable relay outputs
- Multiple programmable output options

Upload/Download Adaptors

- For local connection of ORBiT panels to USB and RS232 ports of a PC



Voice Module



Output Expansion Module



Local Bus Adaptor



USB/RS232 Adaptor



Portable Programmer

ROKONET Upload/Download Software

ROKONET's Windows based Upload/Download software has an intuitive user friendly interface that eases the installation. One software version supports all ROKONET Control Panels; ORBiT, ProSYS, WisDom and WaveSYS, and is compatible with Windows 98/2000/XP.

Features

- Friendly interface
- Online help
- Local language support
- Shared database capability – enables multiple computers and users to work on the same customer database via the network
- Send or receive the programming updates only
- Remote view of online system status
- Password controlled access and security features



Free yourself



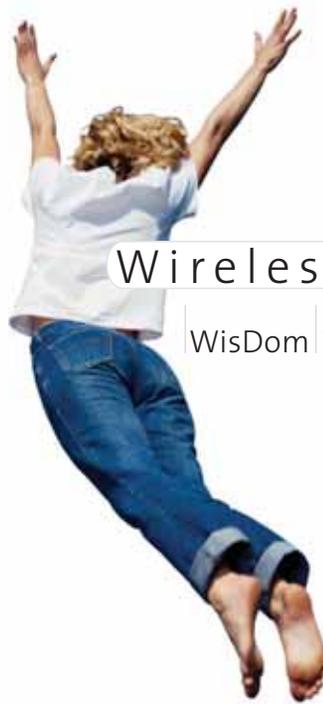
ROKONET's extensive range of high performance wireless systems and accessories are favorites among installers and end-users around the world.

Based on ROKONET's field-proven wireless technology, these systems offer ideal solutions for wireless installations and expansions, and provide the complete freedom and flexibility required to meet the demands of every architectural challenge. Suitable for any commercial or residential application, large or small, whatever the location, ROKONET's wireless solutions bring a unique level of reliability and convenience to every project.

As wireless systems become more robust and affordable, they continue to gain global popularity among installers and end-users alike. For installers, these systems significantly reduce installation costs and time by eliminating labor-intensive wiring tasks. Professional installation tools such as on-site wireless receiver calibration ensure optimal performance in every environment. Ongoing revenues are assured as existing systems are easily expanded through the simple addition of receivers and wireless detectors. For end-users, wireless systems are easy to operate and enable the simplified remote control of entire security systems with the click of a keyfob.

With ROKONET, selling and installing wireless systems has never been easier.

self



Wireless ▶

WisDom | WaveSYS | NoVA | Wireless Accessories

ROKONET's wireless systems use the latest in RF technology
to provide you with all the benefits of today's wireless world...

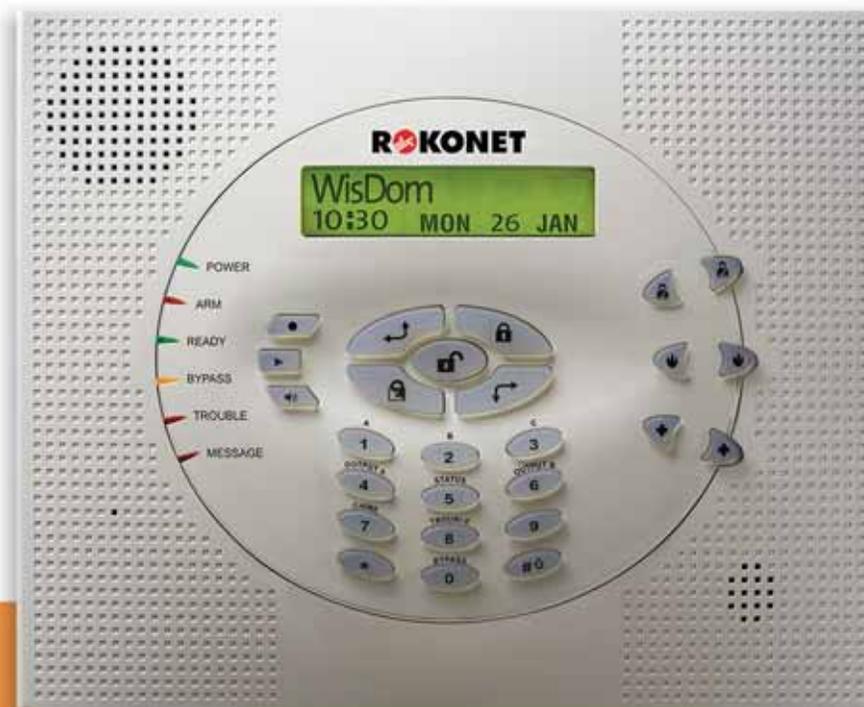
Discover the Unlimited Options of Wireless
Quick and easy installation, meets every architectural challenge, ongoing expansion opportunities

WisDom

Wireless Domestic Security System

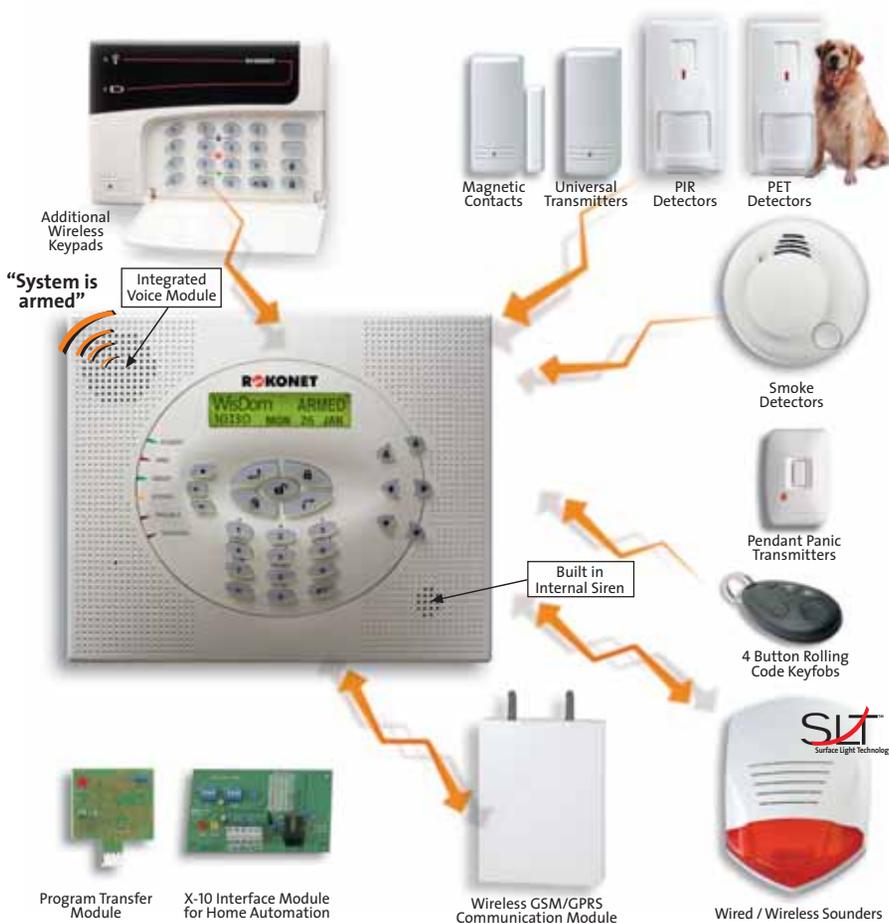
ROKONET's WisDom Wireless Security System is the ideal solution for easy, quick and reliable installations. WisDom brings an unparalleled level of simplicity, speed and cost saving to every type of wireless installation. Based on state-of-the-art technology, WisDom is the most dependable wireless system on the market. Offering years of trouble-free service, WisDom enables expanded business opportunities for installers, while providing homeowners with complete protection and easy, trouble-free operation.

Unique installation tools and simple programming logic make WisDom a clear favorite of installers around the world.



WisDom increases your business opportunities with a wide variety of wireless accessories and modules:

- Additional Wireless keypads
- PIR detectors
- PIR detectors with Pet immunity
- Magnetic Contacts and Universal Transmitters
- Smoke Detectors
- 4-Button Keyfobs
- Pendant Panic Transmitters
- X-10 Interface Module for Home Automation
- Wireless GSM/GPRS Module
- Wired/Wireless Sounders
- PTM (program transfer module)- for fast programming



WisDom Main Features & Benefits General

- 32 wireless zones + 1 wired zone
- 3 partitions/areas
- 32 user codes
- Two models: LCD Version & LCD with Integrated Voice Capabilities
- Built-in 100dB internal siren, plus 500mA external siren driver
- 4 programmable outputs: two 3A relays + two 70 mA OC outputs
- 250 event log
- Up to 2 additional wireless keypads
- Up to 8 rolling-code 4 button keyfobs
- 32 character LCD and backlit keypad

For Installers

- Simple programming logic – fully menu driven
- Program Transfer Module (PTM) for quick and easy one step programming
- Wireless calibration and adjustable threshold level, enables higher immunity to false jamming alarms
- Actual transmitter signal strength and RF noise displayed on LCD, eliminating the need for an external strength meter
- All detectors supervised for presence, low battery, jamming and tamper
- Windows-based remote and local Upload/Download
- GSM/GPRS module for Central Station reporting, SMS messages, voice messages and Upload/Download operation

For End-Users

- Full voice menu guide enables simple remote phone operation
- Built-in two way voice communication to the premises
- Local announcement and feedback of system status
- Family message center
- X-10 for device control via existing AC wiring
- Dedicated buttons for simple emergency notification
- Quick key operation of user functions
- Rechargeable batteries, replaceable without opening the unit

* For WisDom Wireless Accessories please see pages 28-31

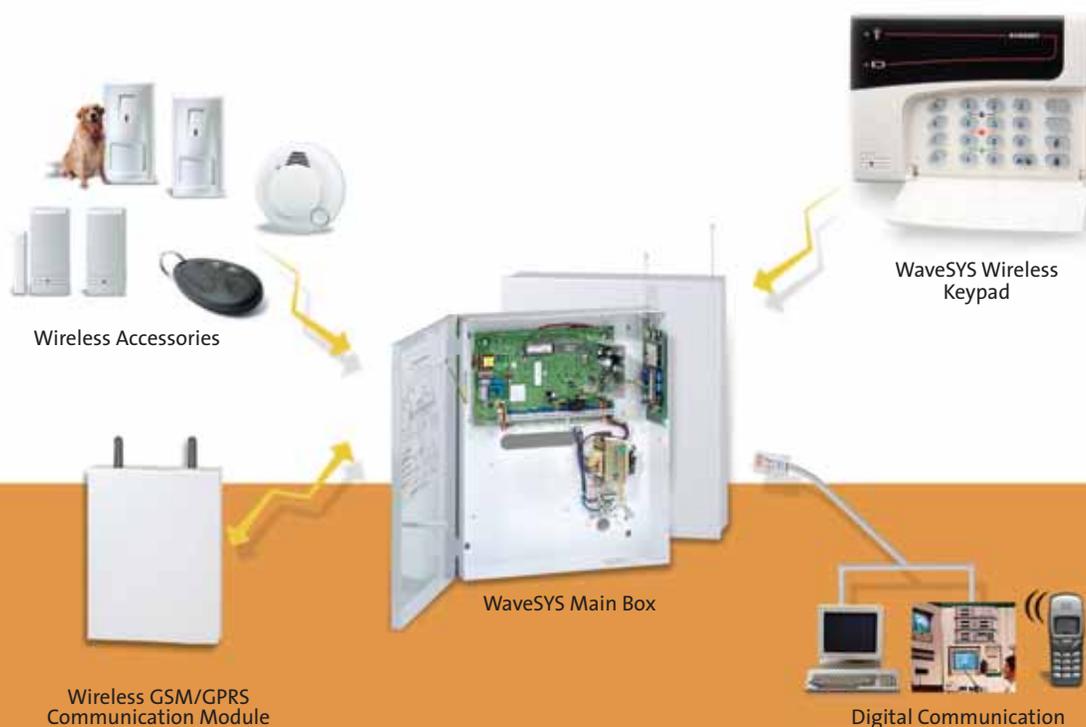
WaveSYS

Wireless Security Systems

ROKONET's WaveSYS Security System provides an unbeatable combination of design, functionality and cutting-edge technology. Offering exceptionally high performance and reliability - as well as ease of installation and seamless integration with a wide range of accessories - WaveSYS is the ideal wireless security solution for every type of project.

Operating in 868MHz or 433MHz, WaveSYS provides the best performance for distance and range on the market today. This sophisticated system supports major international standards and is CE-approved. The PLL-based receiver offers superior sensitivity, interference rejection, noise measurement, jam indication, and real-time RSSI (received signal strength indication).

The advanced protocol includes a 24-bit pseudorandomly programmed address, which increases security while significantly decreasing false alarms through reduced random interference. The system offers status and error detection bits as well as a high bit rate, enabling minimal collisions and extended battery life. All detectors are supervised.



WaveSYS Benefits

- Hidden control panel installed separately from wireless keypad; ideal for wireless applications requiring higher security
- PLL-based 433 or 868 MHz frequency generation ensures stability and reduced interference
- Simple installation; signal level from each detector displayed on LCD keypad during installation, requires no signal strength meter
- Automatic threshold (sensitivity) calibration, adjustable for higher immunity to false jamming alarms
- Sophisticated protocol includes 1 of 16 million addresses, increasing security while significantly reducing false alarms through decreased random interference
- High-End security features include detector supervision, dipswitch-free transmitters, and tamper, low battery and jamming indications
- Elegant wireless keypad with extensive features, such as: Quick Arm, home or away, Output Operation, Medical, Fire, Panic

WaveSYS Features

- 24 fully programmable zones, 16 wireless and 8 wired
- Expandable to 40 zones, 32 wireless and 8 wired
- Up to 8 wireless keypads or 8 rolling code keyfobs
- 868MHz or 433MHz wireless accessories
- System installed in a metal tamper-protected box with external monopole antenna
- 6 programmable outputs on main panel, 1x3A relay output, 1x500mA transistor output, 4x70mA transistor outputs
- Automatic Fuse Technology
- Rolling code channel for high security
- Built-in digital communicator with multiple communication formats including Pulse, Contact ID and SIA
- 3 central station phone numbers
- Walk test permits single technician check of total system
- Scheduling capability automates operations
- 250 event log
- Windows-based remote or local Upload/Download



WaveSYS Main Box



Wireless Keypad

* For WaveSYS Wireless Accessories please see pages 28-31

NoVA

Wireless Add-On Systems

Providing outstanding performance, unparalleled versatility and almost effortless installation, ROKONET's NoVA Wireless Add-On Systems are the perfect answer wherever wireless solutions are needed.

Comprised of compact receiving units and repeaters, as well as stationary and portable detectors and transmitters, the NoVA line offers remote security and control solutions for every control panel. NoVA wireless systems can also be used independently to operate lights, doors and gates - and for a wide range of personal security/emergency applications.

NoVA products have one of 16 million codes pseudorandomly programmed into each transmitter during production for address determination, which is learned by the receiver during installation. This significant advantage provides higher security and easier installation compared with wireless systems that use dipswitches for address determination.

NoVA products are PLL-based, which makes them more accurate and stable over time and temperature changes when compared with SAW resonator technology. NoVA systems, operating in 433MHz or 868MHz radio frequencies, are EU (1-ETS 300-220) and US (FCC Part 15) approved. They feature superior radio sensitivity and interference rejection, and permit full channel/event display and system supervision. All NoVA receivers and transmitters are fully compatible.

NoVA Receivers

NoVA I

Single Zone Add-On Receiver

The NoVA I is a high-performance single-zone add-on receiver for adding wireless capability to any control panel. It is compatible with all NoVA wireless detectors, remote control transmitters and repeaters.

NoVA I Features

- High sensitivity super heterodyne technology
- One-zone changeover high-current relay contact output
- Accepts signals from up to 4 NoVA transmitters
- Received signal and interference indicator
- Momentary or toggle output modes for alarm and on/off applications
- Dipole antenna
- 12V DC power input



NoVA I

NoVA II Two-Zone Add-On Receiver

The NoVA II receiver can be linked to any control panel. It combines superior radio sensitivity and interference rejection with full channel and event display and system supervision.

Compatible with all NoVA wireless detectors, NoVA II accepts signals from up to 4 remote control transmitters in each of the 2 zones, directly or via a repeater (8 transmitters total).

NoVA II Features

- High sensitivity super heterodyne receiver
- Two-zone relay contact output
- Up to 4 NoVA transmitters per zone
- Signal relay contact fault output for tamper, low battery, supervision failure, jamming
- Selectable 3-hour or 8-hour supervision alarm display
- 10 event memory readout
- Internal buzzer for installation test convenience
- Communication mode for installation testing with signal quality indication
- Separate LEDs for transmitter and event identification
- Arm/disarm by control panel or RF link
- 12V DC power input

NoVA IV Four-Zone Add-On Receiver

The NoVA IV receiver can be linked to any control panel. It combines superior radio sensitivity and interference rejection with full channel and event display and system supervision.

Compatible with all NoVA wireless detectors, NoVA IV accepts signals from up to 4 remote control transmitters in each of the 4 zones, directly or via a repeater (16 transmitters total).

NoVA IV Features

- High sensitivity super heterodyne receiver
- Four-zone relay contact output
- Up to 4 NoVA transmitters per zone
- Signal relay contact fault output for tamper, low battery, supervision failure, jamming
- Selectable 3-hour or 8-hour supervision alarm display
- 10 event memory readout
- Internal buzzer for installation test convenience
- Communication mode for installation testing with signal quality indication
- Separate LEDs for transmitter and event identification
- Arm/disarm by control panel or RF link
- 12V DC power input

Wireless Repeater

The Wireless Repeater is fully compatible with all Rokonet Receivers and Accessories. By using Wireless Repeaters, the range can be extended up to 7 times.

Wireless Repeater Features

- High sensitivity super heterodyne receiver and transmitter
- Up to 12 transmitters per receiver
- Repeaters can be chained for range extension up to 7 times
- Flexible installation hierarchy – useful when portable transmitters must roam over large areas
- Internal rechargeable battery backup (batteries not supplied)
- Accepts 12 to 16 volt AC or DC electrical supply



Wireless Repeater



NoVA II



NoVA IV

Wireless Accessories

ROKONET's line of cutting edge wireless accessories provide maximum flexibility for security systems, and are the ideal solution whenever wiring becomes too difficult, or when remote control operation is required.

Using the most advanced RF technology, ROKONET's wireless accessories ensure superior reliability and maximum range.

ROKONET's wireless accessories are compatible with WisDom, WaveSYS, ProSYS and NoVA Wireless Receivers.

Universal Transmitters and Magnetic Contacts

For wireless perimeter protection

The Universal Transmitter is a supervised, general-purpose transmitter that can be connected to door and window magnetic contacts or to other sensors. A double-contact model includes two inputs with separate transmission channels within the same housing, for protecting 2 zones from one unit.

Universal Transmitter and Magnetic Contact Features

- Frequency of 868MHz or 433MHz
- Range Line of Sight 300m (1000ft)
- Enables wireless operation of any NO or NC contact detector
- Internal reed contact and external magnet
- Can be used with shock sensors
- Selectable response time (10 msec, 400 msec)
- Pulse count model for shutter protection
- Sends alarm and restore signals, preventing panel arming when the zone is in state of alarm
- Tamper Protection
- Low battery and transmission and LED indication
- Test mode for installation testing
- Uses one of 16 million codes without dipswitches
- Fully supervised – transmits status signal every 15/65 minutes
- Includes 3V lithium battery with 5-year battery life
- **Dual** channel model with separate reporting channels
- **Pulse** count models for shutter protection



Universal and
Dual Channel Transmitter

Magnetic Contact

Wireless PIR Detector

Microprocessor-controlled wireless PIR detector

The PIR Wireless Detector is a wall mount passive infrared wireless detector, available with two interchangeable lenses – a wide-angle 15m (50ft) lens, or a long-range 25m (75ft) lens.

Wireless PIR Detector Features

- Frequency of 868MHz or 433MHz
- Range up to 300m (1000ft) line of sight
- Coverage: wide-angle lens 15m (50ft) 110°
- Long range lens 25m (75ft)
- Normal mode: 2.5 minutes; test mode (hold-off)
- Pulse count: 1 to 3
- Creep zone for close-in detection
- True temperature compensation algorithm with DSP
- Cover and back tamper switches in T92, tamper cover switch in T90
- Low battery transmission and LED indicator
- Transmits supervising status signal
- Uses one of 16 million codes without dipswitches
- Includes long-life 3V lithium battery

Wireless PET Detector

Microprocessor-controlled wireless PET immune detector

The PIR PET Wireless Detector is a wall mount passive infrared detector with pet immunity of up to a 36kg (80lb) dog or 5 cats.

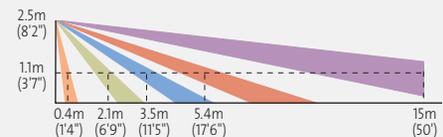
Wireless PET Detector Features

- Frequency of 868MHz or 433MHz
- Range up to 300m (1000ft) line of sight
- Coverage of 8m (26ft) 90°
- Unique VPT (Variable Pet Threshold) pet immunity algorithm
- Normal mode: 2.5 minutes; test mode (hold-off)
- Pulse count: 1 to 3
- Creep zone for close-in detection
- True Temperature compensation algorithm with DSP
- Cover and back tamper switches
- Low battery and transmission LED indicator
- Transmits supervising status signal
- Uses one of 16 million codes without dipswitches
- Includes long-life 3V lithium battery

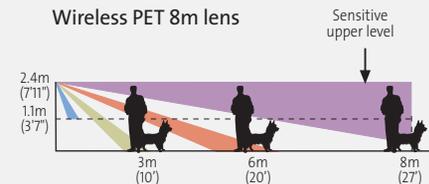


Wireless PIR/PET Detector

Wide Angle lens for Wireless PIR 15m



Wireless PET 8m lens



Wireless Accessories

4-Button Keyfob

The 4-Button Keyfob is a miniature transmitter for use as a remote control with ROKONET's Hybrid or Wireless systems. Button functionality is programmable to arm, disarm, stay, panic and output operations.

4-Button Keyfob Features

- Frequency of 868MHz or 433MHz
- Range up to 120m (400ft) line of sight
- With or without Rolling Code
- Pocket size for key ring or pendant mounting
- Low battery and transmission LED indication
- Uses one of 16 million codes without dipswitches
- Includes lithium battery with 3-year battery life

Pendant Panic Transmitter

The Pendant Transmitter is a one-channel push-button pendant transmitter for use with ROKONET's Hybrid or Wireless systems.

Pendant Transmitter Features

- Frequency of 868MHz or 433MHz
- Range 100m (330ft) line of sight
- One-button portable transmitter
- Low battery and transmission and LED indicator
- Uses one of 16 million codes without dipswitches
- Supplied with metal necklace
- Powered by standard 12-volt alkaline battery



4-Button Keyfob



Pendant Panic Transmitter

Wireless Smoke Detector

The Wireless Smoke Detector is a ceiling mounted photoelectric smoke detector for adding fire warning capability to intruder alarm systems.

Wireless Smoke Detector Features

- Frequency of 868MHz or 433MHz
- Range up to 300m (1000ft) line of sight
- Ceiling mount
- No radiation emission
- Restore transmission
- Test mode
- Low battery transmission
- Uses one of 16 million codes without dipswitches
- Status transmission every 15/65 minutes
- Back tamper on T32 model
- Uses two 3-volt lithium batteries for up to 2-year battery life

Wireless GSM/GPRS module

Rokonet's unique two-way wireless GSM/GPRS module is the most advanced on the market, providing a higher level of security as it enables installing the GSM module in a hidden location, separate from the main control panel. The GSM/GPRS module sends SMS and voice messages via cellular networks to the end-user and SMS messages to the Central Station.

Wireless GSM/GPRS module Main Features

- Frequency of 868MHz or 433MHz
- Two-way wireless communication between the main panel and the GSM/GPRS module
- GSM-based primary or backup communication channel – with advanced capabilities
- Includes two-way alarm acknowledgement for higher security
- Supports popular central station formats
- Remotely diagnosable
- Powered by a local AC adaptor
- Power backed up by a rechargeable sealed lead acid backup battery

Wireless External Sounder

Rokonet's two-way wireless External Sounder is fully supervised and remotely diagnosable. The innovative Surface Light Technology (SLT™) strobe has an extremely long lifetime and low power requirements. A whole new level of remote diagnostics and control is available, saving you time and money. The wireless sounder is compatible with ROKONET's hybrid or wireless systems.

Wireless External Sounder Main Features

- Frequency of 868MHz or 433MHz
- Two-way wireless communication
- Long-life Surface Light Technology (SLT™) strobe
- Anti-foam, anti-drilling and anti-approach protection with adjustable sensitivity
- Remote Control and Diagnostics include measurements of siren input voltage and current, speaker current, battery voltage and battery load test
- Powered by a local AC adaptor
- Power backed up by a rechargeable sealed lead acid backup battery



Wireless Smoke Detector



Wireless GSM/GPRS Module



Wired/Wireless Sounder

* For more information on External Sounders please see pages 14-15

Protect yourself

Based on cutting-edge proprietary technologies, years of detector experience, ongoing input from the field and a commitment to quality and innovation, ROKONET has created the most comprehensive range of sophisticated, reliable, elegant and installer-friendly detectors on the market today.

ROKONET's exciting new detector technologies are creating new market expectations for performance and accuracy. ROKONET's outdoor selective event recognition is enabled by Sway Recognition Technology using two MW channels, and by Digital Correlation Technology using two PIR channels. Sway Recognition Technology enables detectors to disregard swaying objects. Digital Correlation Technology compares two independent PIR channels to eliminate false alarms caused by pets and rapid temperature changes inherent in outdoor environments.

The revolutionary Anti-Cloak™ Technology (ACT™) prevents intruder-cloaking attempts. Intelligent Digital Signal Processing enables situation-based, event-specific detector responses. Variable Pet Threshold™ (VPT™) technology, together with custom-designed lenses, enables a reliable distinction between intruders and pets.

Because of these and other bold technological innovations - as well as the high level of performance, reliability, and ease-of-use - ROKONET detectors are the choice of security professionals in over 60 countries around the world. These superior detectors are chosen – again and again – for the complete peace of mind they bring to distributors, installers, and end-users everywhere.

self

Detectors ▶

WatchOUT | ViTRON | ShockTec | iWISE | Industrial LuNAR | LuNAR | ZoDIAC | CoMET

There's nothing false about our alarms!
ROKONET detectors deliver 100% of what you need...

Rokonet's Unique

ROKONET has developed a number of cutting-edge detection technologies that significantly increase catch performance while decreasing the incidence of false alarms. These unique technologies enable the rapid differentiation between humans and other sources of infrared and microwave interference both in Outdoor and Indoor environments .

Sway Recognition Technology

Microwave Technology for WatchOUT™ Outdoor Detector

ROKONET's Sway Recognition Technology recognizes and excludes objects that sway and move only a limited distance, such as swaying bushes or tree limbs common in the unstable outdoor environment.

Two MW channels enable to differentiate forward from backward moving targets and subtract their Doppler pulses, thus measuring the NET movement distance. Swaying targets move a limited NET distance and are instantly eliminated as intrusion events.

Digital Correlation Technology

PIR Technology for WatchOUT™ Outdoor Detector

WatchOUT's Digital Correlation Technology ensures that only targets that cause similar and correlating signals in both PIR channels are potential threats. Two independent PIR channels with separate lenses create a vertically interlacing detection pattern, achieving pet immunity. Pets, due to their size, cannot be in both PIR detection patterns at the same time.

Digital Correlation Technology goes a step further...In the unpredictable outdoor environment separate events, such as a swaying bush in one PIR channel and a pet in the other, will create non-correlated signals between the two PIR channels.

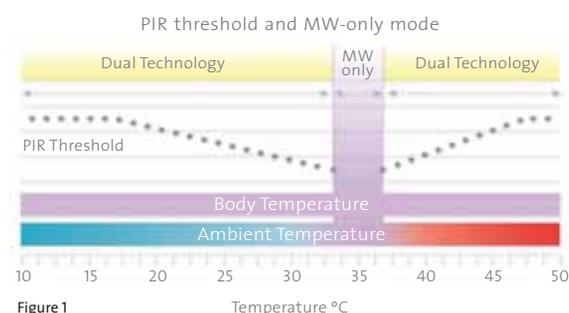
False alarms from such events and from wind gusts or cloud/sun movement, which create uncorrelated rapid temperature changes, are effectively eliminated.

Anti-Cloak™ Technology

For Dual Technology Detectors - Industrial LuNAR, iWISE DT, iWISE DT QUAD, iWISE DT AM

Anti-Cloak™ Technology is a patent-pending innovation that provides the benefits of dual technology while avoiding its drawbacks. The PIR channel in dual technology detectors has two major weaknesses:

- IR emission-blocking cloaks used by intruders block their IR radiation and enable avoidance of PIR detection.
- PIR sensitivity is reduced when the ambient temperature approaches body temperature. as shown in Figure 1.



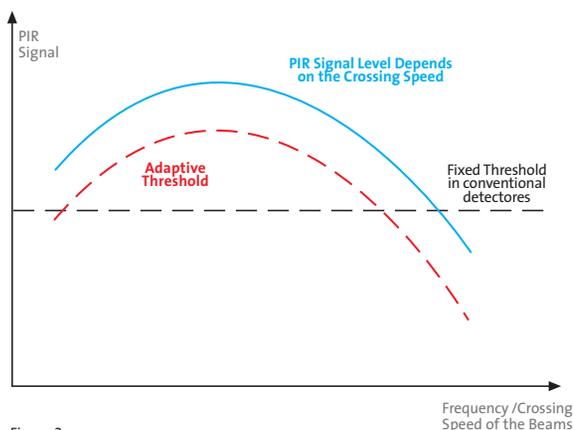
e Detection Technologies

ACT™ enables superior catch performance by switching to MW-only mode either when the room temperature is close to body temperature, or when a cloaking attempt is recognized. Delivering exceptionally high detection capabilities, as well as immunity from false alarms, ACT™ thwarts even the most sophisticated burglars.

Intelligent Digital Signal Processing

PIR Technology for WatchOUT, Industrial LuNAR, iWISE and Wireless PIR detectors

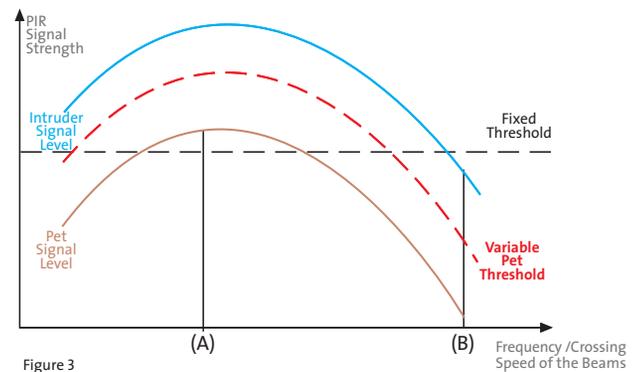
Setting the alarm threshold for detectors is a major challenge for manufacturers. If the threshold is set too low, the detector will be prone to false alarms; if set too high, the detector will not be sufficiently responsive. ROKONET's Intelligent DSP provides a real-time adaptation of the threshold to the speed that the intruder crosses the beams rather than a factory-fixed threshold, as shown in Figure 2.



Variable Pet Threshold™ (VPT™)

PIR Technology for WatchOUT, iWISE DT Pet, iWISE Pet, Zodiac DT Pet, Zodiac Pet and Wireless Pet

ROKONET's unique VPT™ algorithms – together with a custom-designed lens – enables detectors to easily distinguish between intruders and pets, while ensuring superior catch performance. PIR signal levels depend on the crossing frequency of the detection beams. An intruder with a high crossing frequency (B) may have a lower signal level than a pet with a lower crossing frequency (A). Using a constant threshold may result in detecting pets while ignoring people!



ROKONET's VPT™ algorithm solves this problem by measuring the crossing frequency and selecting the correct threshold level for the alarm. The threshold is set above the pet signal and below the intruder level for each frequency, assuring that intruders are detected while pets are ignored, as illustrated in Figure 3 above.

WatchOUT™

Reliable Outdoor Detection

WatchOUT™ Outdoor Detectors provide the ultimate in reliable outdoor protection. WatchOUT™ is unique in its ability to recognize and distinguish between real intrusion events and the numerous false alarm causes inherent in the unstable outdoor environment.

WatchOUT™ provides selective event recognition utilizing:

- **Sway Recognition Technology** that uses two microwave channels to recognize and exclude objects that sway, such as bushes and tree limbs.
- **Digital Correlation Technology** that uses two PIR channels with interlacing detection patterns. Only targets creating a similar and correlated signal in both PIR channels are taken into account.

WatchOUT Features & Benefits

- Sway Recognition Technology for recognizing and eliminating targets that sway but don't move more than a set distance (bushes, tree limbs, etc.)
- Digital Correlation Technology for eliminating false alarms from pets, reflections and rapid temperature changes
- Optional integrated camera
- 1.0m to 2.7m installation height
- A wide range of swivels for wall, pole, or barrier applications
- High security features include active IR anti-mask and anti-vandal wire protection for all brackets
- IP65 environment rating
- Extensive remote control and diagnostics when installed with Rokonet's ProSYS Integrated Security System
- 4 active IR channels for Anti-Mask and "Dirty Lens" alerts
- Microwave "Anti-Collision" enables adjacent detector installations
- Protective shielding for blocking out white light, allowing only IR energy to reach PIR sensors
- Hood - provides protection from sun, rain, snow, hail and birds



WatchOUT DT / PIR



Wall swivel



Pole adaptor

Installation Flexibility Ensures Precise Coverage

WatchOUT™ detectors offer exceptional installation flexibility, enabling precise coverage of the protected terrain. This flexibility is due to the detector's variable mounting height - from 1.0m to 2.7m - and to the wide range of available swivels: wall swivel, barrier swivel, conduit bracket and pole adaptor bracket.



Camera Option

WatchOUT detectors enable inclusion of a high-definition camera that allows real-time viewing of the cause of the alarm, as well as immediate remote or onsite intervention. Camera options include color and black-and-white cameras with wide-angle or long-range lenses.

Specifications

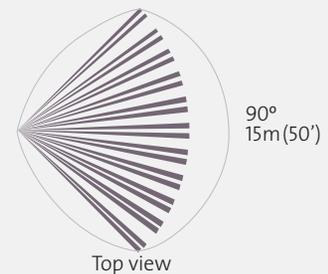
	WatchOUT DT	WatchOUT PIR
Detection method	Two microwave and Two PIR channels	Two PIR channels
Wide angle coverage	15m (50ft) 90°	12m (40ft) 90°
Long-range coverage	23m (75ft) 5°	23m (75ft) 5°
Barrier coverage	15m (50ft) 5°	15m (50ft) 5°
Mounting height	1m to 2.7m (3'3" to 8'10")	
Pet immunity	Up to 70cm (2'4") animal height	
Anti-mask and dirty lens indications	Via 4 active IR channels	-
Day/Night output	-	Activated via photocell
Operating voltage	9-16 VDC	
Current consumption		
Relay mode at 12V	45mA typical, 70mA maximum	42mA typical, 65mA maximum
Alarm contact	NC, 100mA, 24 VDC	
Tamper contact	NC, 100mA, 24 VDC	
Anti-mask contact	NC, 100mA, 24 VDC	-
Dirty lens output	70mA open collector	-
RF immunity	40V/m from 10MHz to 2 GHz	
Weatherproof rating	IP 65	
Operating temperature	-30°C to 60°C (-22°F to 140°F)	
Dimensions including hood (LxWxD)	230 x 121 x 123mm (9 x 4.76 x 4.85 inch)	

Wide-angle lens



Side view

15m (50')



Top view

90°
15m (50')

Barrier lens



Top view

5°
15m (50')



Side view

15m (50')

Long-range lens



Top view

5°
23m (75')



Side view

23m (75')

Pet immune lens for low installations



Side view

15m (50')

ViTRON™

Acoustic Glass Break Detectors

ViTRON glass break detectors add important perimeter protection by alarming intruders while they are still outside. Based on ROKONET's unique pattern recognition algorithm, ViTRON offers superior detection of the breaking of all standard glass types and thickness, while disregarding non-framed glass breakage and other sources of false alarms.

Adjustment-free and individually calibrated during production, ViTRON eliminates human error and ensures easy installation. Subjected to extensive testing, including the breaking of actual glass, ViTRON delivers total reliability. These exceptionally flexible detectors can be flush, surface, corner or swivel-mounted on any wall or ceiling, enabling optimal mounting and performance in every environment.

ViTRON provides complete, simplified testing capabilities through the ViTRON Tester, which enables onsite testing - including alarm relay activation - without opening the unit. In addition, an automatic "dead microphone" supervision test is continuously performed, based on ongoing environmental sound monitoring.

ViTRON™

Acoustic Glass Break Detector for Surface Wall/Ceiling Mount

ViTRON Features

- Protects all glass types: plate, tempered, laminated and wired
- Omni-directional microphone
- Full remote test without opening unit
- 9m (30ft) range
- Memory (latch) indicator
- Dead microphone supervision

ViTRON™ Plus

Acoustic Glass Break Detector for Flush Wall/Ceiling Mount

ViTRON Plus combines advanced electronics with an attractive design providing a choice of wall/ceiling or flush-mounting. The microprocessor-based glass-break pattern analysis ensures reliable detection while preventing false alarms. Simple to install, the ViTRON Plus is elegantly designed to blend into any décor.

ViTRON Plus Features

- Flush (single gang box/Gewiss), wall or ceiling mount
- Protects all glass types: plate, tempered, laminated and wired
- Omni-directional microphone
- Full remote test without opening unit
- 9m (30ft) range
- Memory (latch) indicator
- Dead microphone supervision



ViTRON



ViTRON Plus

ViTRON™ Tester Glass Break Simulator

The easy-to-operate ViTRON Tester simulates glass break sounds to verify proper installation of ViTRON detectors. The unit's remote test mode ensures easy testing - making opening detector units unnecessary.

ViTRON Tester Features

- Advanced glass-breaking pattern generator
- Full remote test mode eliminates the need to remove the upper cover
- Auto/Manual operation modes
- Active-battery LED indicator



ViTRON Tester

Specifications	ViTRON	ViTRON Plus
Glass types:	Plate, tempered, laminated and wired	Plate, tempered, laminated and wired
Glass thickness:	3, 4.8 & 6 mm (1/8, 3/16 & 1/4 inch)	3, 4.8 & 6 mm (1/8, 3/16 & 1/4 inch)
Operating voltage: 9 to 16VDC	✓	✓
Current consumption: 20mA at 12VDC	✓	✓
Alarm contacts: NC, 50mA, 24VDC	✓	✓
Tamper contacts: NC, 0.5A, 24VDC	✓	✓
Acoustic sensor: Omnidirectional Microphone	✓	✓
Operating temperature: 0°c to 55°c (32°F to 131°F)	✓	✓
Storage temperature: -20°c to 60°c (-4°F to 140°F)	✓	✓
Dimensions:	87 x 51 x 29mm (3.4 x 2 x 1.1inch)	71 x 50 x 25mm (2.8 x 1.94 x 0.97inch) With flush mount plate 115 x 76 x 30.8mm (4.52 x 3 x 1.2inch)

ShockTec™

Digital Shock Detectors

ShockTec Digital Shock Detectors provide reliable 24-hour perimeter protection. An alarm is activated - while the intruder is still outside - whenever there is an attempt to force, smash, drill or saw through a protected window, door, wall or roof. This ensures minimum damage to the premises and its contents, as well as maximum personal security.

ShockTec™

ShockTec's exceptionally reliable built-in calibration method prevents over or under-sensitive settings.

Intelligent Digital Signal Processing discriminates between real attacks and natural background vibrations through a sophisticated analysis of the vibration signal's frequency, energy, amplitude and duration.

Simultaneous digital signal sampling of two separate channels provides an extremely wide dynamic range of the signal, enabling precise measurement and analysis of the shock signal.

ShockTec Features

- Tri-color LED enables accurate and reliable calibration, with "over-sensitive" and "under-sensitive" indications
- Mounts on frame or glass, vertically or horizontally
- Dual stage adjustment potentiometer
- Encapsulated piezo-electric sensor
- Cover tamper protection
- Modern design with ample wiring space and hermetic wiring seal



ShockTec

ShockTec™ Plus - ShockTec™ with Magnetic Contact

The ShockTec with Magnetic Contact ensures double protection for opening windows and doors. The detector can be mounted vertically or horizontally, with the magnetic contact on either side of the detector.

ShockTec Plus Features

- Tri-color LED enables accurate and reliable calibration, with “over-sensitive” and “under-sensitive” indications
- Internal magnetic reed switches for double protection (shock and contact) saves installation time and cost
- Magnet can be mounted on either side of the detector up to a 20 mm (0.8inch) gap
- Mounts on frame or glass, vertically or horizontally
- Dual stage adjustment potentiometer
- Encapsulated piezo-electric sensor
- Cover tamper protection
- Modern design with ample wiring space and hermetic wiring seal

Technical Specifications

	ShockTec™	ShockTec™ Plus
Supply voltage	9V –16V DC	
Current consumption (typical)	12.5 mA	7.5 mA
Operational temperature	-20°C to 60°C	
Maximum humidity	95% non-condensing	
Sensitivity setting	Dual stage potentiometer	
Tri-color LED indicator	Orange: Over-sensitive Green: Alarm & correct calibration Red: Under-sensitive	
Contact rating: Alarm relay	100mA at 24VDC, NC	100mA at 24VDC, NC, Opto relay
Tamper relay	500mA at 24VDC, NC	500mA at 24VDC, NC
Reed relay	N/A	100mA at 24VDC, NC
Alarm time	2.5 seconds	
Magnetic contact reed relay option	N/A	Two reed relays enable locating the magnet on either side of the detector
Latching modes	Any or 1 st to latch operation modes	
Max no. of units on Any Latch loop	80	
Max no. of units on 1st to Latch loop	10	
False alarm protection	Digital microprocessor signal processing and noise reduction with maximum ground plane	
Electrostatic discharge	No false alarms up to 8kV	
RF immunity	40 V/m from 80MHz to 1GHz	
Enclosure material	Flame retardant ABS	
Enclosure dimensions	25x28x95mm 0.98x1.1x3.74 inch	25x28x95mm 0.98x1.1x3.74 inch – detector
		10x12x58mm 0.39x0.47x2.28 inch – magnet

Typical Detection Range

Surface	Concrete	Brick Wall	Steel	Glass	Wood	Plywood
Radius	1.5m/5ft	2.5m/8.25 ft	3m/10ft	3.5m/11.5ft	3.5m/11.5ft	4m/13ft



ShockTec Plus - ShockTec with Magnetic Contact

iWISE® with

The iWISE Dual Technology detectors with Anti-Cloak™ Technology ensure that no intruder passes undetected. Offering optimum performance in every environment, these detectors provide continuous protection against cloaking attempts without causing false alarms.

iWISE® DT with ACT™

The unique iWISE DT series was designed for use in a wide range of commercial, industrial and institutional installations, as well as for up-scale residential locations. Utilizing a powerful microprocessor and advanced Digital Signal Processing, iWISE detectors ensure that no intruder passes undetected.

The slim design is aesthetically pleasing and unobtrusive, and installation is easy due to ample wiring space. Three iWISE DT models are available for 10, 15, and 25 meters (33, 50, and 82ft).

iWISE® DT QUAD with ACT™

The iWISE DTQ 15m (50ft) with a QUAD PIR sensor is especially suitable for extremely harsh environments. Inclusion of ACT™ Anti-Cloak™ Technology in the DT Quad model assures the highest possible level of detection with the lowest level of false alarms.

iWISE DT/DT QUAD Features

- MW & PIR technologies
- Anti-Cloak™ Technology (Patent Pending)
- Coverage up to 25m (82ft)
- Visual trouble indicator
- Creep Zone
- Microwave range adjustment
- Flexible installation height up to 3.3m (10'10")
- Low current consumption
- 30V/m RF immunity (40V/m for QUAD)
- Operating temperature -20°C to 55°C (-4°F to 131°F)
- Anti-fluorescent interference signal processing
- Wall/corner or ceiling swivel (optional)
- Wall tamper-proof swivel (optional)
- Long range lens (optional)



iWISE DT/DT QUAD with ACT

iWISE Green Line DT AM

The iWISE Green Line DT AM series detectors are the ultimate for critical installations, incorporating both Anti-Mask and Anti-Cloak™ Technologies (ACT™), complying with EN 50131-1 Grade 3 requirements, and adhering to new environmentally friendly guidelines.

Any attempt to mask the lens is detected by active infrared technology, while camouflaged burglars are identified by the ACT™ Technology.

In response to the recent growth in environmental awareness, Rokonet has implemented a new “Green Line” concept, effectively eliminating surplus MW radiation. iWISE DT AM Green Line detectors are available in 15m and 25m models, and include built-in end-of-line (EOL) resistors to simplify installation.

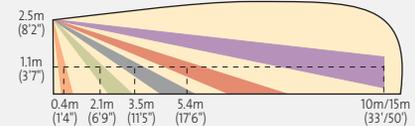
iWISE Green Line DT AM Features:

- Dual MW & PIR Technologies
- Anti-Cloak™ Technology (ACT™)
- Coverage of 25m (82ft) or 15m (50ft)
- Complies with EN50131-1 Grade 3
- “Green” setting – MW disabled during unset
- Active IR Anti-Masking with separate relay
- Built-in EOL resistors, jumper selectable
- 3 LED walk test indication
- Cover and wall tampers
- Opto-relays for low current consumption and long lifetime
- Remote and local self test
- SET and LED control inputs
- Flexible installation height up to 2.7m (8’10”)
- Patented True Temperature Compensation
- High RF immunity 30V/m
- Creep zone
- Anti-fluorescent interference signal processing
- Wall tamper proof swivel (optional)
- Corridor lens (optional)

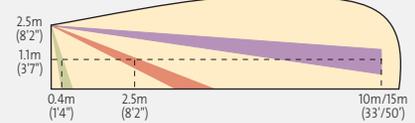


iWISE Green Line DT AM

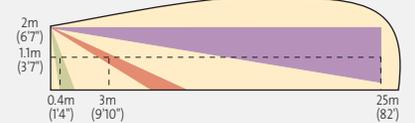
Wide Angle lens iWISE DT 10m/15m



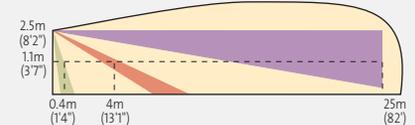
Optional Corridor lens iWISE DT 10m /15m



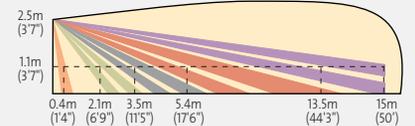
Wide Angle lens iWISE DT / Green Line 25m



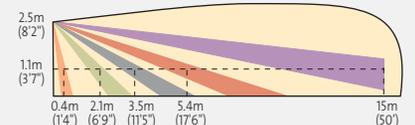
Optional Corridor lens iWISE DT / Green Line 25m



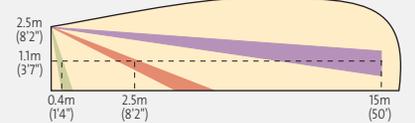
Wide Angle lens iWISE DT QUAD 15m



Wide Angle lens iWISE Green Line 15m



Optional Corridor lens iWISE Green Line 15m



iWISE®

iWISE® PET/DT PET

The iWISE PET and DT PET are ideal for any type of installation where pets are present, allowing complete freedom of movement for pets with no loss of catch performance. These state-of-the-art detectors easily and reliably distinguish between intruders and pets, without false alarms. A specially designed lens – together with ROKONET's advanced Variable Pet Threshold™ (VPT™) technology and active creep zone – ensure intruder detection together with pet immunity.

iWISE PET / DT PET Features

- Pet immunity up to 45 kg (100 lb) dog and 6 cats [36kg (80lb) dog, 5 cats for PIR model]
- Superior catch performance
- 2 lenses provided for different installation heights:
 - Installation height 2.1m (6'11") – detection area: 11m x 11m (35' x 35')
 - Installation height 2.4m (7'11") – detection area: 8m x 8m (27' x 27')
- Active creep zone to ensure pet immunity without loss of intruder detection
- Unique VPT algorithm
- Patented true temperature compensation
- Dual PIR and microwave technologies for DT PET model

iWISE® QUAD

iWISE QUAD PIR, based on ROKONET's best-selling COSMoS PQ-QUAD, offers advanced detection capabilities as well as false alarm immunity through a unique lens design coupled with Intelligent Digital Signal Processing. With two separate dual-element sensors, the alarm threshold and pulse count verification are automatically adjusted, assuring significantly improved catch performance in even the most hostile environments.

iWISE QUAD Features

- Two independent dual-element sensors and processing channels
- Coverage 15m (50ft)
- Intelligent Digital Signal Processing algorithms
- Flexible installation height up to 3.3 m (10' 10")
- Slim and unobtrusive design
- 3 LEDs for professional walk test and trouble indication
- Superior false alarm rejection of white light and hot air turbulence
- High RFI immunity
- Optional ceiling/wall/corner-mount swivel brackets
- Operating temperature -20°C to 55°C (-4°F to 131°F)



iWISE PET



iWISE DT PET

iWISE® QUAD AM

The iWISE® QUAD AM is designed for high risk installations. Two independent dual-element PIR sensors and digital processing channels provide the highest level of catch performance and false alarm immunity. Anti-Masking is achieved by an Active Infrared channel, which is located behind the lens to protect against covering or spraying of the lens— even with lacquer.

The iWISE QUAD AM complies with EN 50131-1 Grade 3 requirements and includes built-in EOL resistors for easier installation.

iWISE QUAD AM Features

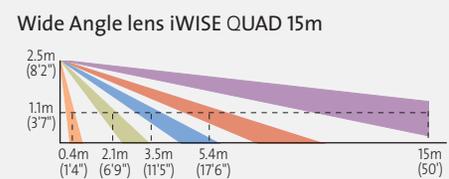
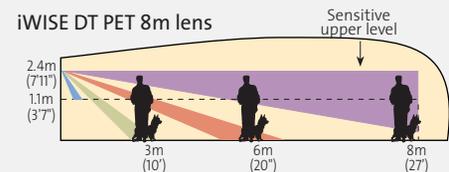
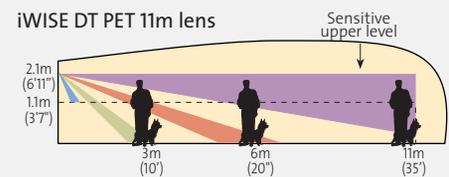
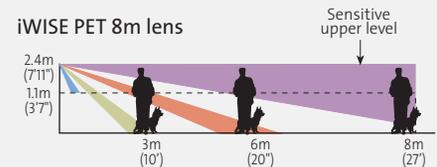
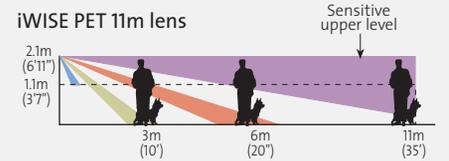
- Two dual-element PIR sensors
- Two independent digital signal processing channels
- Coverage 15m (50ft)
- Complies with EN50131-1 Grade 3
- Active IR Anti-Mask with separate relay
- Built-in EOL resistors, jumper selectable
- 3 LED walk test indication
- Cover and Wall tampers
- Opto-Relays for low current consumption and long lifetime
- Remote and Local Self Test
- SET and LED control inputs
- Flexible installation height up to 3.3m (10'10")
- Patented True Temperature Compensation
- Creep zone
- High RF immunity 30V/m
- Superior false alarm rejection of white light and hot air turbulence
- Wall tamper proof swivel (optional)



iWISE QUAD



iWISE QUAD AM



Industrial LuNAR™

High Ceiling Mount Detectors up to 8.6m/28ft

The Industrial LuNAR is the most intelligent ceiling detector available on the market – with a unique bi-directional remote control and a mounting height of up to 8.6 meters (28 ft). As the only ceiling mount detector with Anti-Cloak™ Technology, it detects intruder camouflage attempts and delivers the highest performance level - even at high warehouse temperatures.

The Industrial LuNAR provides superior and more secure coverage compared to industrial wall-mount detectors. A wall mount detector is more easily blocked by shelves, equipment or cartons. In addition, it is easier to sabotage or mask a wall-detector mounted 3-4m high.

Industrial LuNAR Features

- Addressable Dual Technology detector with Anti-Cloak™ Technology
- Up to 8.6m (28ft) mounting height
- 360° by 22m (72ft) diameter coverage pattern
- 3 independently adjustable PIR channels for customized coverage
- 3 tri-color LEDs for easy walk testing
- Intelligent Digital Signal Processing - alarm verification and decision thresholds adjusted according to environmental and intruder behavior

High Ceiling Mount Detectors with 360° View



Industrial LuNAR DT with ACT

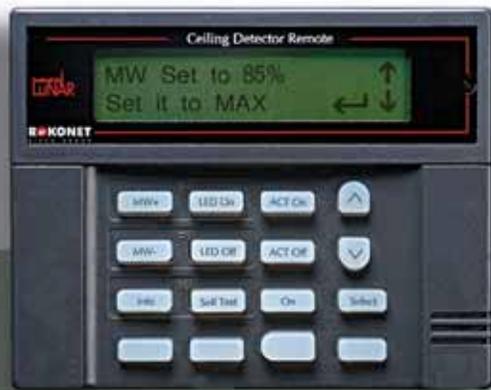
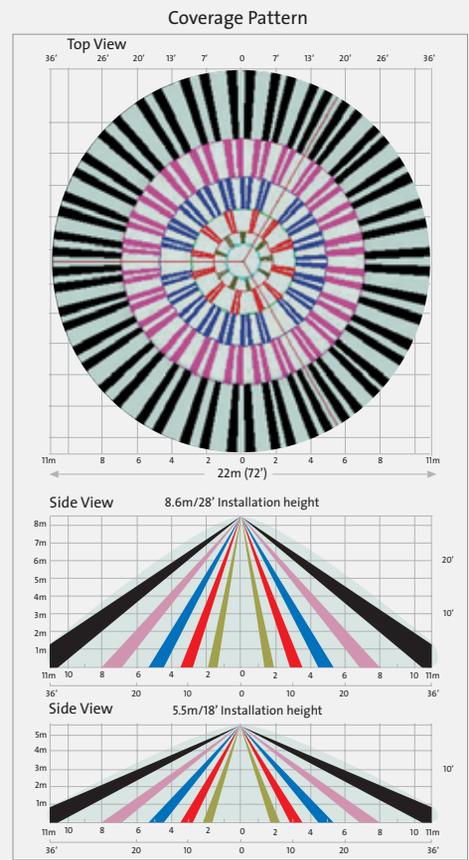
Industrial LuNAR Remote Control

Once installed, the Industrial LuNAR can be controlled and diagnosed remotely using a unique bi-directional infrared remote control, or via the keypad or Upload/Download software when connected to Rokonet's ProSYS Integrated Security System.



Remote Control and Diagnostic Features

- Remote microwave adjustment enables one-man walk test without climbing ladders
- Diagnostic tools include detector input voltage reading and status of each PIR channel and the MW channel (signal voltage and noise levels)
- Remote display and control of detector settings: MW adjustment, ACT™ On/Off, LEDs On/Off
- Remote trouble indicator (Pass/Fail) for the PIR, MW and power supply input



Bi-directional infrared remote control

LuNAR™

Ceiling Mount Detectors with 360° View

The LuNAR Series is the ideal solution for areas in which wall and corner mounting is unsuitable. LuNAR detectors are particularly useful in rooms where wall placement would cause detectors to be blocked by shelves, closets or storage areas.

Combining sophisticated detection capabilities with a slim and attractive design, these advanced detectors employ a special 110° wide-angle spherical Fresnel lens that provides full 360° coverage. LuNAR detectors suit every interior and are ideal for all ceiling mount applications.

LuNAR™ DT

LuNAR DT (Dual Technology) detectors assure reliable ongoing detection, while dramatically reducing false alarms through a combination of dual element Passive Infrared (PIR) and Microwave (MW) technologies - both of which must verify an intrusion in order to activate the alarm.

LuNAR DT Features

- Dual PIR + MW technologies
- Microprocessor-controlled
- Patented true temperature compensation
- Proprietary detection algorithm
- Microwave range adjustment
- Superior fluorescent interference rejection
- Superior RF immunity
- 3 LED walk test display
- Alternate polarity pulse count
- Low profile design



LuNAR DT

LuNAR™ PR

LuNAR PR uses dual-element Passive Infrared technology and offers adjustable sensitivity and variable pulse count. Advanced optics assures a 360° view.

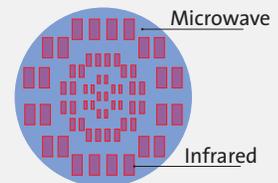
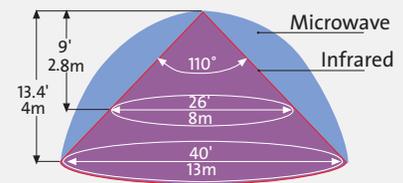
LuNAR PR Features

- Temperature Compensation
- Superior fluorescent interference rejection
- Superior RFI immunity
- Low profile design
- Cost effective

Specifications	LuNAR DT	LuNAR PR
Operating voltage: 9 to 16VDC	✓	✓
Current consumption	25mA at 12V	15mA at 12V
Alarm contacts: 100mA, 24V, N.C.	✓	✓
Tamper contacts: 100mA, 24V, N.C.	✓	✓
Optical filtering: White light protection	✓	✓
Selectable pulse count	1,2 (alternate polarity)	1,2,3
Temperature compensation: Automatic thermistor-controlled	Microprocessor controlled (Patented True Temperature Compensation)	✓
RF immunity 30V/m from 10MHz up to 1 GHz	✓	✓
Operating temperature: 0°C to 55°C (32°F to 131°F)	✓	✓
Storage temperature: -20°C to 60°C (-4°F to 140°F)	✓	✓
Dimensions: ø13.5 x 2.7 cm (ø5.3" x 1.1")	✓	✓



LuNAR PR



- Microwave
- Infrared + Microwave

ZoDIAC™

The ZoDIAC Series, specially designed to assure superior catch performance and false alarm immunity, is the ideal choice for residential and small commercial installations. Based on ROKONET'S advanced technologies, the ZoDIAC family provides a comprehensive range of detector solutions.

Due to their identical, compact and attractive housing, the installer can easily combine the various technologies of ZoDIAC detectors in one installation, while maintaining the same overall look.

Among the high performance products in the ZoDIAC line are ZoDIAC DT and DT PET, Digital ZoDIAC PIR, QUAD and PET, and ZoDIAC PRO and QUAD.

ZoDIAC™ DT

The ZoDIAC DT includes an advanced microprocessor utilizing complex algorithms that ensure the ultimate in responsiveness and reliability. With a tri-color LED and fully adjustable microwave range, the ZoDIAC DT detector provides outstanding catch performance together with high false alarm immunity, even in the harshest environments.

ZoDIAC™ DT PET

The ZoDIAC DT PET utilizes a custom designed lens combined with advanced algorithms to provide pet immunity up to a 34kg (75lb) dog / 4 cats, with no loss of catch performance. This sophisticated and stylish detector is the ideal solution for residential installations with pets.

ZoDIAC DT/DT PET Features

- Up to 12x12m (40'x40') coverage
- Dual Technology (MW and PIR)
- X-band Microwave Technology
- Pet immunity up to a 34kg (75lb) dog, 4 cats
- Microprocessor-based Digital Signal Processing
- True Temperature Compensation
- 3-color LED indicator for easy walk test
- Microwave range adjustment
- Low current consumption
- High RF immunity – 25V/m
- Anti-fluorescent interference signal processing



ZoDIAC DT/DT PET

ZoDIAC™ PRO

The best selling ZoDIAC PRO has been specially designed for excellent catch performance and high false alarm immunity. The internal cable duct and ample space inside make wiring easy, and the optical protective sleeve with white light protected lens prevents false alarms. Optimal installation is facilitated using the supplied free swivel.

ZoDIAC™ QUAD

The ZoDIAC QUAD uses a real quad pyro-electric element to ensure high catch performance and additional false alarm immunity in even the harshest environments. The real QUAD element ensures improved coverage, while significantly reducing false alarms from factors such as warm air gusts, moving curtains, and temperature variations.

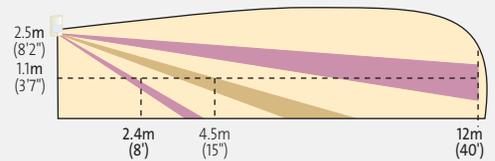
ZoDIAC PRO/QUAD Features

- Full 12x12m (40'x40') coverage
- Improved false alarm immunity
- High RFI immunity above 20V/m
- Free swivel for wall/ceiling mounting
- Selectable pulse count
- White light protection
- Optical protective sleeve
- Optional long-range lens
- Internal cable duct and ample wiring space for easy installation

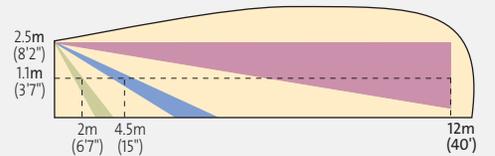


ZoDIAC PRO/QUAD

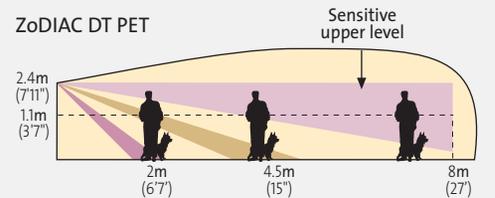
Coverage for ZoDIAC DT



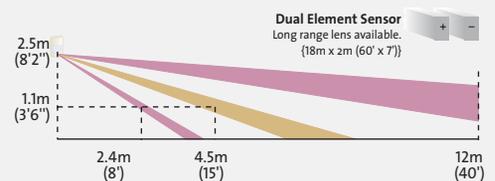
Optional Corridor Lens for ZoDIAC DT



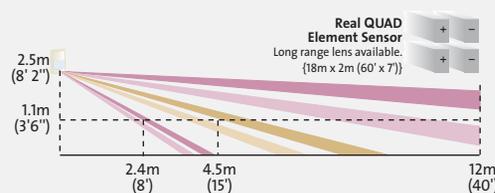
ZoDIAC DT PET



ZoDIAC PRO Wide-Angle Coverage



ZoDIAC QUAD Wide-Angle Coverage



ZoDIAC™

Digital ZoDIAC™ PIR

The Digital ZoDIAC PIR is specially designed for excellent catch performance and high false alarm immunity. An advanced microprocessor enables complete software-driven, digital motion detection and True Temperature Compensation. Easy installation is assured by the internal cable duct, ample wiring space, and supplied free swivel. An optical protective sleeve and white light protected lens prevent false alarms.

Digital ZoDIAC™ QUAD

The Digital ZoDIAC QUAD has all the advantages of the Digital ZoDIAC PIR, plus a real QUAD element sensor that provides added catch performance and false alarm immunity in hostile environments. Real QUAD elements assure improved coverage while significantly reducing false alarms caused by warm air gusts, moving curtains, and temperature variations.

Digital ZoDIAC PIR / QUAD Features

- Full 12x12m (40'x40') coverage
- Microprocessor-based Digital Signal Processing
- Patented True Temperature Compensation
- Flexible installation height
- Free swivel for wall/ceiling mounting
- Optional long-range lens
- Internal cable duct and ample wiring space for easy installation

Digital ZoDIAC™ PET

The Digital ZoDIAC PET utilizes a custom designed lens and Variable Pet Threshold (VPT) algorithms to provide full pet immunity for 32kg (70lb) dogs and up to 4 cats - with no loss of catch performance. This sophisticated detector is the ideal solution for residential installations with pets. In order to ensure the PET immunity performance, the Digital ZoDIAC PET comes without a swivel.

Digital ZoDIAC PET Features

- Pet immunity up to 32kg (70lb) coverage
- Digital microprocessor-based Variable Pet Threshold (VPT) algorithms
- Patented True Temperature Compensation
- 8m (26') 90° coverage
- Optional long-range lens
- Internal cable duct and ample wiring space for easy installation



Digital ZoDIAC PIR /QUAD

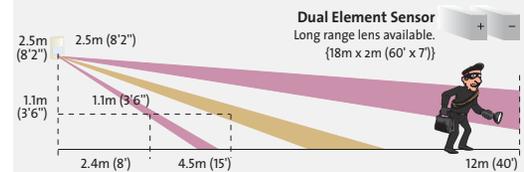


Digital ZoDIAC PET

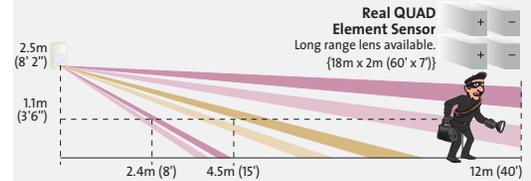


Specifications	Digital ZoDIAC PIR	Digital ZoDIAC Quad	Digital ZoDIAC PET	ZoDIAC DT	ZoDIAC DT PET	ZoDIAC PRO	ZoDIAC QUAD
Microprocessor-based Digital Signal Processing	✓	✓	Variable Pet Threshold (VPT)	✓	Variable Pet Threshold (VPT)		
Pet Immunity	Rodents	Rodents	32Kg (70lbs) 4 cats, multiple rodents	Rodents	34Kg (75lbs) 4 cats, multiple rodents,	Rodents	Rodents
Operating Voltage: 9 to 16VDC regulated	✓	✓	✓	✓	✓	✓	✓
Current Consumption	14mA	14mA	15mA	18mA	18mA	12mA	12mA
Alarm Contacts: NC, 100mA, 24VDC maximum	✓	✓	✓	✓	✓	✓	✓
Tamper Contacts: NC, 100mA, 24VDC maximum	✓	✓	✓	✓	✓	✓	✓
Alarm Time: 2.2 seconds minimum	✓	✓	✓	✓	✓	✓	✓
Selectable Pulse Count	1,2,3	1,2,3	1,2,3	1,2	1,2	1,2,3	1,2,3
Temperature Compensation: Automatic, thermistor-controlled	True Temperature Compensation	True Temperature Compensation	True Temperature Compensation	True Temperature Compensation	True Temperature Compensation	✓	✓
Swivel Adjustment: Horizontal: ±25° Vertical: +5°, -20°	✓	✓	-	-	-	✓	✓
Optical Filtering: White Light Protection, Pigmented Lens	✓	✓	✓	✓	✓	✓	✓
RF Immunity: (10MHz to 1GHz)	25V/m	25V/m	25V/m	25V/m	25V/m	20V/m	25V/m
Operating Temperature: -10°C to 50°C (14°F to 122°F)	✓	✓	✓	✓	✓	✓	✓
Storage Temperature: -20°C to 55°C (-4°F to 131°F)	✓	✓	✓	✓	✓	✓	✓
Dimensions: 107 x 58 x 39mm (4.2 x 2.3 x 1.5inch)	✓	✓	✓	✓	✓	✓	✓

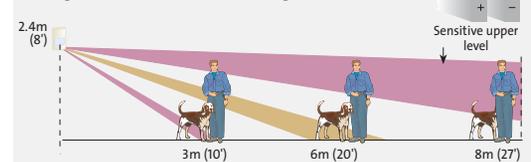
Digital ZoDIAC PIR Coverage



Digital ZoDIAC QUAD Coverage



Digital ZoDIAC PET Coverage



CoMET™

CoMET™ PIR/PET

The CoMET detectors provides total reliability in a compact, easy-to-install and cost-effective solution. Based on PIR Technology, CoMET detectors are designed to meet the unique needs of residential installations. They provide high performance intruder detection while, at the same time, are programmed to withstand the interferences typically found in domestic or residential environments.

CoMET units require minimum installation time, since they can be connected to walls without the removal of the printed circuit board.

CoMET™ PIR

The popular CoMET PIR model offers wide-angle detection as well as immunity to small rodents.

CoMET PIR Features

- Coverage 12x12m (40x40ft)
- Temperature compensation
- RF immunity – 20V/m
- Easy installation
- Selectable pulse count (1,2,3)
- White light protection
- LED optical prism
- Compact design for cost effective residential installations



CoMET PIR

CoMET™ PET

This wide-angle PIR detector is ideal for homeowners with dogs or cats, offering immunity to dogs weighing up to 20kg (42lb), 2 cats, or multiple rodents.

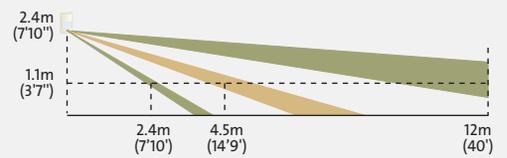
CoMET PET Features

- Coverage 8m (26ft) 90°
- Pet immunity for 20kg (42lb) dogs, 2 cats or multiple rodents
- Temperature compensation
- RF immunity – 20V/m
- Easy installation
- Selectable pulse count (1,2,3)
- White light protection
- LED optical prism
- Compact design for cost effective residential installations

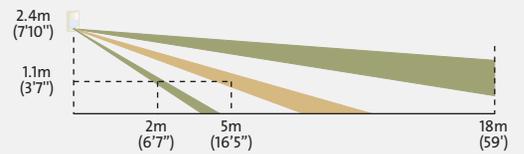


CoMET PET

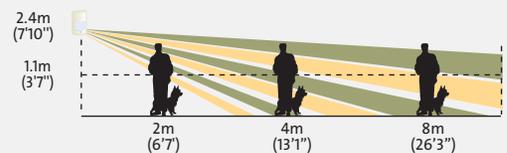
CoMET PIR



CoMET PIR - long range lens



CoMET PET



Product Catalogue Numbers

Please confirm the required catalogue number for your local market with a Rokonet Sales Representative prior to order.

	Product	Description	Page	Remarks
Systems				
ProSYS				
Main Panels				
	RP128My00xxA	ProSYS 128 Main Panel	8-11	xx - Language & Market
	RP140My00xxA	ProSYS 40 Main Panel	8-11	y - Dialer Telephone Compatibility
	RP116My00xxA	ProSYS 16 Main Panel	8-11	
Kits				
	RP128P000xxA	ProSYS 128 assembled in metal box	8-11	xx - Language & Market
	RP140P000xxA	ProSYS 40 assembled in metal box	8-11	xx - Language & Market
	RP116P000xxA	ProSYS 16 assembled in metal box	8-11	xx - Language & Market
	RP128P040xxA	ProSYS 128 assembled in metal box + LCD Keypad	8-11	xx - Language & Market
	RP140P040xxA	ProSYS 40 assembled in metal box + LCD Keypad	8-11	xx - Language & Market
	RP116P040xxA	ProSYS 16 assembled in metal box + LCD Keypad	8-11	xx - Language & Market
Keypads				
	RP128KCL000A	LCD Keypad	10,11	
	RP128KCLP00A	Proximity LCD Keypad + 2 keytags	10,11	
	RP128KL1600A	16 LED Keypad	10,11	
	RP128KLO800A	8 LED Keypad	10,11	
	RP128KT0000A	Keypad Proximity Keytag (10 units)	10,11	
Interactive Voice Module				
	RP128EV00xxA	Interactive Voice Module	10,11	xx - Recorded Messages Language
	RP128EVM000A	Message Box + Listen-in and Speak Module	10,11	
	RP128EVL000A	Listen-in and Speak Module	10,11	
Wired Expansion				
	RP296EZ8	8 Zone Expansion Module	10,11	
	RP128EZ8F00A	8 Zone Expansion Module with Fast Response Time	10,11	
	RP296EZ16	16 Zone Expansion Module	10,11	
	RP296E04	4 Relay Output Module	10,11	
	RP296E08	8 O.C. Output Module	10,11	
	RP128EPS000A	3A Switching Mode Power Supply	10,11	
	RP296EPS	1.5A Supervised Power Supply	10,11	
	RP296EL5000A	512 Memory Expansion Module	10,11	
	RP296EL9000A	999 Memory Expansion Module	10,11	
	RP296EXT	X-10 Expansion Module	10,11	
	RP128ST0000A	STU Adaptor	10,11	
Wireless Receivers				
	RP128EW0800A-B	Wireless 8 Zone Receiver 868MHz	10,11	
	RP128EW1600A-B	Wireless 16 Zone Receiver 868MHz	10,11	
	RP296EW0800A	Wireless 8 Zone Receiver 433MHz	10,11	
	RP296EW1600A	Wireless 16 Zone Receiver 433MHz	10,11	
For ProSYS Wireless Accessories please see pages 28-31				
Access Control				
	RP128EAC000A	Access Control Module	10,11	
	RP128EAR100A	HID Proximity Reader	10,11	
	RP128EAR200A	HID Proximity Reader with Keypad	10,11	
	RP128EAC100A	A/C Proximity Cards (25 units)	10,11	
	RP128EAC200A	A/C Thin Proximity Cards (50 units)	10,11	
	RP128EAK000A	A/C Proximity Keytags (10 units)	10,11	
Digital Electronic Keys				
	RP128EKxx00A	Digital Key Reader + 2 Electronic Keys	10,11	xx - Reader housing type
	RP128EK0000A	10 Electronic Keys	10,11	
Installer Accessories				
	RP128UDIN00A	Rokonet Upload/Download CD	10,11	
	RP128EUSB00A	USB/RS232 + RS232/RS485 Adaptors	10,11	
	RP296EBA000A	RS232/RS485 Adaptor	10,11	
	RP296PRT000A	Parallel Printer/RS485 Adaptor	10,11	
	RP128EE0000A	Program Transfer Module	10,11	
	RSIN128IMxx	ProSYS Installation Manual	10,11	xx - Language
GSM/GPRS Modules				
	RP128GSM0xxA	GSM/GPRS Module (for assembly in main panel box)	11	xx -Version
	RP128GSM1xxA	GSM/GPRS Module assembled in metal box		xx -Version
	RP128GSM2xxA	GSM/GPRS Module assembled in plastic housing		xx -Version
	RP128GSMpxxA	GSM/GPRS Module portable programmer		xx -Version
Demo Boards				
	RP128DBL0xxA	ProSYS Laptop Demo Board	9	xx - Language & Market
	RP128DB00xxA	ProSYS Large Demo Board		xx - Language & Market
	RP128DB01xxA	ProSYS Large Demo Board without Access Control		xx - Language & Market
ACM TCP/IP Modules				
	RP128AB0100A	ACM Basic (RS485 and Ethernet interfaces)	12	
	RP128AA0100A	ACM Basic + Modem interface	12	
	RP128IP0000A	IP Receiver Software License	12	
SynopSYS				
		SynopSYS Security and Building Management Software	13	
ProSound				
	RS200WyP0xxA	External Sounder Double Skin with Anti-Foam Protection	14-15	xx - Market, y - Strobe Lens Color
	RS200Wy00xxA	External Sounder Double Skin	14-15	xx - Market, y - Strobe Lens Color
ORBIT				
ORBIT 14				
	RP214My0000A	ORBIT 14 Main Panel	16-17	y - Dialer Telephone Compatibility
	RP214P000xxA	ORBIT 14 kit assembled in metal box	16-17	xx - Language & Market
	RP214KI0000A	ORBIT 14 ICON keypad	16-17	
	RP214KLO800A	ORBIT 14 8 LED Keypad	16-17	
	RP214KL1400A	ORBIT 14 14 LED Keypad	16-17	
	RP214KCL0xxA	ORBIT 14 LCD Keypad	16-17	xx - Keypad Text Language
	RP214Kpy00A	ORBIT 14 Proximity Key Reader + 2 Proximity Keys	16-17	yy - Reader housing type
	RSIN214IMxx	ORBIT 14 Installation Manual	16-17	xx - Language
ORBIT 6				
	RP206My	ORBIT 6 Main Panel	18	y - Dialer Telephone Compatibility
	RP206P00xx	ORBIT 6 kit assembled in metal box	18	xx - Language & Market
	RP206KL6	Orbit-6 6 LED Keypad	18	
	RP206KL8	Orbit-6 8 LED Keypad	18	
	RP206KCLxx	Orbit-6 LCD Keypad	18	xx - Keypad Text Language
	RSIN206IMxx	ORBIT 6 Installation Manual	18	xx - Language
ORBIT Accessories				
	RP214PR00xxA	ORBIT 6/14 Portable Programmer	19	xx - Keypad Text Language
	RP214LU0000A	Local Bus Adaptor - PC comm port to Orbit Panel	19	
	RP214USB000A	USB/RS232 Adaptor - USB Port to Local Bus adaptor	19	
	RP200VC	Voice Module	19	
	RP206UOR000A	4 Relay Output Expander	19	
	RP128UDIN00A	Rokonet Upload/Download CD	19	
	RP214DB0000A	ORBIT 14 Demoboard		

	Product	Description	Page	Remarks
Wireless				
WisDom				
	RWSALVP00 \mathbf{xy}	WisDom unit	22-23	0 in place V - without Voice Capabilities - zero
	RWSALVP01 \mathbf{xy}	WisDom Kit - 2 PIR, 1 Magnetic Contact, Keyfob	22-23	\mathbf{xx} - Language & Market
	RWSALVP02 \mathbf{xy}	WisDom Kit - 2 PIR, Keyfob	22-23	\mathbf{y} - Frequency (A-868MHz, H-433MHz)
	RWSALVP04 \mathbf{xy}	WisDom Kit - 1 PIR, 1 Magnetic Contact, Keyfob	22-23	
	RWSALVP05 \mathbf{xy}	WisDom Kit - 2 PET, 1 Magnetic Contact, Keyfob	22-23	
	R5INWSAIM \mathbf{xx}	WisDom Installer Manual	22-23	\mathbf{xx} - Language
For WisDom Wireless Accessories please see pages 28-31				
WaveSYS				
	RW140P010 \mathbf{xxx} A	WaveSYS assembled in metal box 868MHz	24-25	\mathbf{xx} - Market
	RW140P010 \mathbf{xxx} H	WaveSYS assembled in metal box 433MHz	24-25	\mathbf{xx} - Market
For WaveSYS Wireless Accessories please see pages 28-31				
NoVA				
	RWR01 \mathbf{xxx}	NoVA 1- Single Zone Add-On Receiver	26	\mathbf{xxx} - Frequency & Market
	RWR02 \mathbf{xxx}	NoVA 2 - Two Zone Add-On Receiver	27	\mathbf{xxx} - Frequency & Market
	RWR04 \mathbf{xxx}	NoVA 4 - Four Zone Add-On Receiver	27	\mathbf{xxx} - Frequency & Market
Wireless Accessories for ProSYS, WaveSYS, WisDom and NoVA Receivers				
Wireless Keypads				
	RWSALKWL100A	Wireless Keypad 868MHz	23,25	
	RWSALKWL100H	Wireless Keypad 433MHz	23,25	
Wireless Repeaters				
	RP128EWR000A-B	Wireless Repeater 868MHz	23,25,27	
	RP296EWR000A	Wireless Repeater 433MHz	23,25,27	
Universal Transmitters and Magnetic Contacts				
	RWT72M86800A-B	Wireless Magnetic Contact Transmitter 868MHz	28	
	RWT72C86800A-B	Wireless Universal Transmitter 868MHz	28	
	RWT72X86800A-B	Wireless Dual Channel Transmitter 868MHz	28	
	RWT72P86800A-B	Wireless Transmitter for Shutter Pulse 868MHz	28	
	RWT72M86810A-B	Wireless Magnetic Contact Transmitter 868MHz IMO approved	28	
	RWT71EUMV2	Wireless Door Contact + Magnet Transmitter 433MHz	28	
	RWT71EUV2	Wireless Universal Transmitter 433MHz	28	
	RWT71X43300A	Wireless Dual Channel Transmitter 433MHz	28	
	RWT71EUPV2	Wireless Transmitter for Shutter Pulse 433MHz	28	
PIR Detectors				
	RWT92086800A-B	Wireless PIR Detector 868 MHz	29	
	RWT90EUV2	Wireless PIR Detector 433MHz	29	
PET Detectors				
	RWT92P86800A-B	Wireless PIR PET Detector 868MHz	29	
	RWT90PEU000A	Wireless PIR PET Detector 433MHz	29	
4 Button Keyfob Transmitters				
	RP128T4RC00A	4 Button Rolling Code Keyfob Transmitter 868MHz	30	
	RP296T4RC00A	4 Button Rolling Code Keyfob Transmitter 433MHz	30	
	RP128T4Z000A	4 Button Zone Keyfob Transmitter 868MHz	30	
	RWT540000EUA	4 Button Zone Keyfob Transmitter 433MHz	30	
Pendant Transmitters				
	RWT50P86800A-B	Wireless Pendant Transmitter 868MHz	30	
	RWT50EUV2	Wireless Pendant Transmitter 433MHz	30	
Smoke Detectors				
	RWT32S86800A-B	Wireless Smoke Detector 868MHz	31	
	RWT30EUV2	Wireless Smoke Detector 433MHz	31	
Two-way Wireless GSM/GPRS modules				
	RWGS00001 \mathbf{xx} A	Wireless GSM/GPRS - Module in metal box 868MHz	31	\mathbf{xx} - Version
	RWGS00001 \mathbf{xx} H	Wireless GSM/GPRS - Module in metal box 433MHz	31	\mathbf{xx} - Version
	RWGS00002 \mathbf{xx} A	Wireless GSM/GPRS - Module in plastic box 868MHz	31	\mathbf{xx} - Version
	RWGS00002 \mathbf{xx} H	Wireless GSM/GPRS - Module in plastic box 433MHz	31	\mathbf{xx} - Version
Two-way Wireless External Sounders				
	RS200W \mathbf{y} P0 \mathbf{xx} A	Wireless External Sounder 868MHz	31	\mathbf{xx} - Market, \mathbf{y} - Strobe lens color
	RS200W \mathbf{y} P0 \mathbf{xx} H	Wireless External Sounder 433MHz	31	\mathbf{xx} - Market, \mathbf{y} - Strobe lens color

Detectors	Product	Description	Page	Remarks
<i>Outdoor</i>				
WatchOUT				
	RK315DT00xxA	WatchOUT DT xx - Microwave Frequency	36-37	Includes standard swivel + long-range, barrier and low pet replacement lenses
	RK312PR0000A	WatchOUT PIR	36-37	Include standard swivel + long-range, barrier and low pet replacement lenses
	RA300B00000A	Barrier swivel for WatchOUT	36-37	
	RA300P00000A	Pole adaptor for WatchOUT	36-37	
	RA300C00000A	Conduit adaptor for WatchOUT	36-37	
	RA300SC0000A	Swivel Conduit for WatchOUT	36-37	
	RA300VC017PA	Camera for WatchOUT, PAL, narrow-angle	36-37	Assembled in WatchOUT cover
	RA300VC053PA	Camera for WatchOUT, PAL, wide-angle	36-37	Assembled in WatchOUT cover
	RA300VP5100A	Power Supply for WatchOUT PAL Camera	36-37	
<i>Perimeter</i>				
VITRON				
	RG61	VITRON 9m	38	
	RG71FM	VITRON Plus 9m with flush mount plate	38	
	RG65	VITRON Tester	39	
	RA66	Swivel for VITRON and VITRON Plus	39	
ShockTec				
	RK600S00000A	ShockTec Digital Shock Detector (White)	40-41	
	RK600SM0000A	ShockTec Digital Shock Detector with Magnetic Contact(White)	40-41	
	RK600S0BR00A	ShockTec Digital Shock Detector, (Brown)	40-41	
	RK600SMBR00A	ShockTec Digital Shock Detector with Magnetic Contact, (Brown)		
<i>Indoor</i>				
iWISE				
	RK810DT00xxA	iWISE DT 10m with ACT	42	xx - Microwave Frequency
	RK815DT00xxA	iWISE DT 15m with ACT	42	xx - Microwave Frequency
	RK825DT00xxA	iWISE DT 25m with ACT	42	xx - Microwave Frequency
	RK815DT00xxA	iWISE DT QUAD 15m with ACT	42	xx - Microwave Frequency
	RK815DTAMxxA	iWISE DT AM 15m with anti-mask and ACT	42	xx - Microwave Frequency
	RK815DTG3xxA	iWISE Green Line DT AM 15m - Grade 3	42	xx - Microwave Frequency
	RK825DTG3xxA	iWISE Green Line DT AM 25m - Grade 3	42	xx - Microwave Frequency
	RK800PT0000A	iWISE PET	44	
	RK811DPTxxA	iWISE DT PET	45	xx - Microwave Frequency
	RK800Q00000A	iWISE QUAD 15m	45	
	RK800AM0000A	iWISE AM 15m	45	
	RK800QG300A	iWISE QUAD AM - Grade 3	45	
iWISE Accessories				
	RA91T000000A	iWISE Wall Swivel with back tamper	42-45	
	RA910000000A	iWISE Wall/Corner Swivel	42-45	
	RA900000000A	iWISE Ceiling Swivel	42-45	
	RL15	Corridor lens	42-45	
	RL17	Long Range lens for RK825DT and RK800AM	42-45	
Industrial LuNAR				
	RK200DT00xxA	Industrial LuNAR DT Detector	46-47	xx - Microwave Frequency
	RK200RC0000A	Industrial LuNAR Remote Control	46-47	
LuNAR				
	RK150T	LuNAR DT	48-49	
	RK200DPC	LuNAR PR	48-49	
ZoDIAC				
	RK410DT00xxA	ZoDIAC DT	50	xx - Microwave Frequency
	RK410DPTxxA	ZoDIAC DT PET	50	xx - Microwave Frequency
	RK410PR	ZoDIAC PRO with Swivel	51	
	RK410RQ	ZoDIAC QUAD with Swivel	51	
	RK410PRD000A	Digital ZoDIAC PIR with Swivel	52,53	
	RK410QD0000A	Digital ZoDIAC QUAD with Swivel	52,53	
	RK410PT	Digital ZoDIAC PET	52,53	
	RL407	ZoDIAC Long Range Lens	52,53	
CoMET				
	RK210PR0000A	CoMET PIR	54,55	
	RK210PT0000A	CoMET PET	54,55	
	RL407	CoMET Long Range Lens	54,55	

xx select the microwave frequency for your market according to the following list:
00 - 10.525 GHz for most countries
UK - 10.687 GHz for UK indoors (10.587 GHz for WatchOUT UK outdoors)
FR - 9.9 GHz for France and Czech Republic
DE - 9.35 GHz for Germany



IMQ

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