PICSYS Integrated Security Systems



Imagined by you. Designed by us.

The innovative ProSYS integrated intrusion and access control systems from Rokonet are designed to meet and exceed the needs and expectations of professionals. Supporting 8-128 zones with unrivalled flexibility and incredible expansion capabilities, ProSYS is the perfect fit for a multitude of applications that will expand your business opportunities.

The ProSYS series features 3 models: **ProSYS 16**, **ProSYS 40** and **ProSYS 128** that suit a wide range of applications and installation sizes. Featuring Interactive Voice Modules, 868/915 MHz Wireless Hybrid Expansion, Digital Electronic Keys, Integrated Access Control, intrinsic Auto-Install™ Technology, and a variety of other features and accessories.

All these combined with Rokonet's exceptional customer support make the ProSYS the premier choice for any residential, commercial, industrial or institutional security installation.







- ◆ 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 keypad option
- ◆ Backlit keys with audible feedback
- ◆ 4 one-touch buttons for easy group arm/disarm or macro operations



WIRELESS EXPANSION

For those hard to wire locations add up to 120 wireless zones, and for operating convenience and personal protection add rolling-code or universal key fobs, using field proven 868/915 MHz wireless technology.

- ◆ 8 or 16 zone wireless expansion receivers with internal antennas
- ◆ 868/915 MHz super-heterodyne technology
- ◆ Elegant 4 button key-fobs, rolling-code or universal transmission, 3 year battery life
- ◆ Wireless PIR, PIR pet, and smoke detectors
- ◆ Wireless door contact and magnet transmitters with 5 year battery life
- ◆ Pulse count transmitters for shutter protection
- ◆ Signal jamming indication
- ◆ Detection of low battery for each transmitter
- ◆ Programmable supervision time
- ◆ Tamper detection for each transmitter and receiver
- ◆ Automatic noise level indication and signal level setting enables installation without special tools such as a spectrum analyzer

AUTOMATION

X-10 Expansion Module

- ◆ Enables connection of home automation devices to the ProSYS on the AC wiring of the premises
- ◆ Communicates with up to 16 X-10 protocol receivers for light and appliance control

PROSYS MAIN PANEL

with one system

a partition

♦ 8 zones - expandable up to 128

◆ 4 or 8 system partitions to support multi-

◆ 4 Groups per partition – enabling partial

◆ Auto-Install[™] Technology assures simple

◆ High security features such as double

♦ 6 fully programmable Utility Outputs

collector and four 70mA O.C.

◆ One-man walk test

◆ Up to 99 user codes

◆ Bell/Siren tamper EOL

◆ Fuseless technology

◆ Up to 999 event log buffer

◆ Built in Siren Driver (900 mA)

of the system

◆ Box Tamper N.C.

◆ Up to 32 schedules for arm/disarm and

owner and separate account installations

arm/disarming of a group of zones within

output control, supporting 2 intervals per day.

password, keypad disable during scheduled

arm, and 2 separate buses (on ProSYS 128)

onboard - one 3A relay, one 500mA open

◆ False Alarm prevention features – such as fire

transmission delay, audible/visual exit delay

alarm verification, programmable swinger

shutdown, cross zoning, pulse counting,

◆ Watchdog periodically performs self-test





Integrated Security Systems





Zone Expansion Modules ♦ 8 or 16 zone hardwired expansion modules

- ◆ Zone termination: NC, NO, EOL resistor, Double EOL resistor
- ◆ Programmable loop response for each zone of 10ms up to 4 hours

DIGITAL ELECTRONIC KEYS ◆ Up to 16 digital key readers ◆ Same reader supports multiple partitions

◆ Easy code programming

Output Expansion Modules

- ◆ 8 open-collector outputs module (70mA)
- ◆ 4 high current relay outputs module (3A)
- ◆ Each output programmable to activate as a result of numerous events related to system, partition, zone, or user
- ◆ Programmable as NC, NO, latched or pulsed

Power Supply Expansion

- ◆ 1.5A 12V power supply for additional modules
- ◆ Fully supervised for low battery, AC power loss, bell loop, auxiliary failure
- ◆ Built in siren driver
- ◆ Tamper supervision
- ◆ Add up to 8 modules via the RS-485 bus

Event Log Expansion

◆ 512 or 999 event log expansion

Configuration Transfer Module

- Download or upload control panel programming with no need for phone line, PC or any other peripheral device
- ◆ Copy installation defaults from master system to other systems
- ◆ Save backup of installation program



SERIAL INTERFACE

- ◆ Local Upload/Download from a PC via USB or RS-232 adaptors
- ◆ Printer adaptor module



When it comes to integrating security and access control, ProSYS is in a class of its own. It provides security and access control in a single advanced system combining high-end performance and maximum ease of use for both the installer and the end-user. With the ProSYS one system takes care of all your needs.

- ◆ Arm/Disarm the alarm system easily with an access card, a key tag or your 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, finger touch and Wiegand reader technologies
- ◆ Supports HID readers
- ◆ Anti-passback feature
- ◆ Simple programming via Up/Download software or via control panel keypad





Monitoring Station

Remote U/D

DIGITAL COMMUNICATION

- ◆ On-board digital communicator supports 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
- ◆ Remote upload/download from a PC with database sharing
- ◆ Up to 16 follow-me numbers



INTERACTIVE VOICE MODULES

The Interactive Voice Module operates in conjunction with any

touch-tone telephone or mobile phone to provide a plain language interface to the ProSYS system. The module enables a telephone to be used as a remote keypad while providing the user with operational and programming voice prompts as well as plain language system status reports. The voice module also enables remote listen-in and speak-in to the premises via any telephone.

- ◆ Customizable messages for partitions, zones, programmable outputs and common address
- ◆ Up to 16 follow-me numbers
- ◆ Acknowledge alarms in order to halt follow-me phoning
- ◆ Change follow-me numbers from a remote touch-phone
- ◆ Automatic announcement of system status changes



INTRODUCING AUTO-INSTALL™ TECHNOLOGY (AIT)

Rokonet's innovative **Auto-Install™ Technology** assures simple installation and is intrinsic to all ProSYS modules and accessories. During setup the system senses, recognizes and enables rapid configuration of the connected elements and accessories, making installation a breeze. Auto-Install™ Technology represents a major step forward in security system installation when compared to conventional security systems, which require time-consuming manual configuration. In addition unique diagnostic and self-test tools designed according to installer's logic are incorporated into the system.

	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
Output Expansion Modules	2	4	8
Digital Key Readers	16	16	16
Keypads	8	12	16
Account numbers	4	8	12
Weekly time schedules with 2 intervals per d	lay 8	16	32
Event Log	256	256 expandable to 512	256 expandable to 99
Access Control			
A/C Modules	2 (4 doors)	4 (8 doors)	8 (16 doors)
Users with A/C capability	899	899	899
Users with arm/disarm and A/C capability	30	60	99
INTERACTIVE VOICE MODULE			
Follow-me numbers	8	8	16
Customizable messages	116 4 0	122.40	122.00
(Common, Zones, Partition, Outputs)	1,16,4,8	1,32,4,8	1,32,8,8
TECHNICAL SPECIFICATIONS			

TECHNICAL SPECIFICATIONS	
Main Power 16.5v AC - 25VA 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 70 mA O.C.
Operating Temperature	0°C-55°C
Main Box Dimensions	375 x 330 x 98 mm

Rokonet Electronics Ltd., a RISCO Group company, is a leading manufacturer of high quality integrated security systems and intruder alarms for residential, commercial, industrial and institutional installations. Rokonet's mission is to meet and exceed the needs and expectations of our customers by providing innovative and quality products backed by superior customer support.

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Specifications subject to change without prior notice



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