

ProSYS

Integrated Security Systems

INTRODUCING AUTO-INSTALL™ TECHNOLOGY

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, simplifying installation. **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
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	256	256 expandable to 512	256 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, Partition, Outputs)	1,16,4,8	1,32,4,8	1,32,8,8
TECHNICAL SPECIFICATIONS			
Main Power	16.5V AC - 40VA transformer from 230V AC		
Total 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	418 x 382 x 113 mm		

Rokonet Electronics Ltd., a RISCO Group company, is a leading manufacturer of high quality integrated security systems and intruder alarms for commercial, institutional, industrial and residential 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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Due to ongoing product development specifications are subject to change without prior notice



Imagined by you. Designed by us.

The innovative ProSYS integrated intrusion and access control systems from Rokonet are designed to meet and exceed the 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, Class 6 868MHz or 433MHz 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 commercial, institutional, industrial or residential security installation.

Conforms to the following British and European standards:

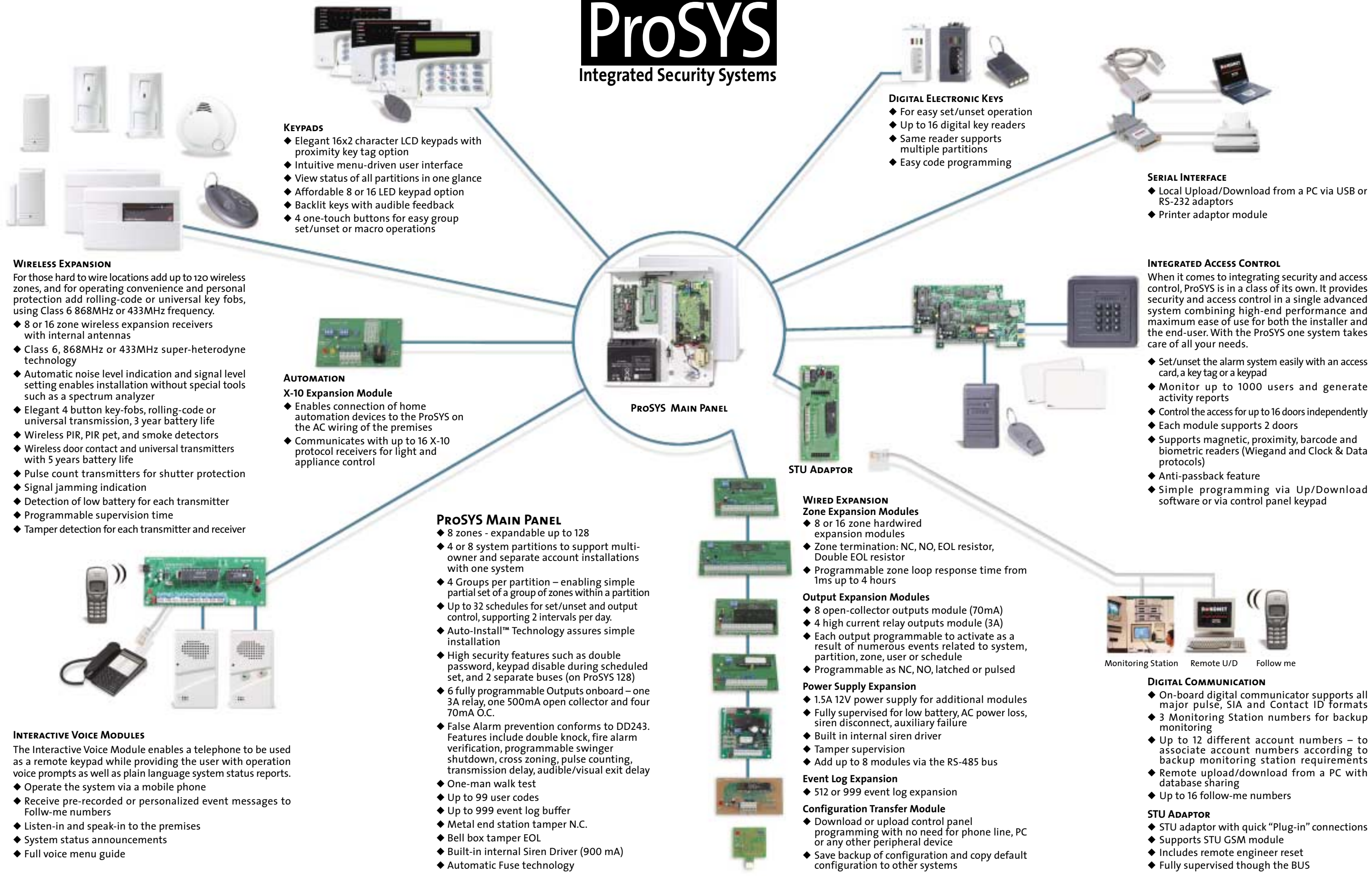
- ◆ EN 50131-1
Grade 3 for ProSYS 128
Grade 2 for ProSYS 40 and ProSYS 16
- ◆ DD243 : 2002
- ◆ BS 4737 Part 1
- ◆ UK ACPO 2000
- ◆ BS 6799 Class 6 Wireless

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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 keypad option
- ◆ Backlit keys with audible feedback
- ◆ 4 one-touch buttons for easy group set/unset 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 Class 6 868MHz or 433MHz frequency.

- ◆ 8 or 16 zone wireless expansion receivers with internal antennas
- ◆ Class 6, 868MHz or 433MHz super-heterodyne technology
- ◆ Automatic noise level indication and signal level setting enables installation without special tools such as a spectrum analyzer
- ◆ 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 universal transmitters with 5 years 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

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

- ◆ 8 zones - expandable up to 128
- ◆ 4 or 8 system partitions to support multi-owner and separate account installations with one system
- ◆ 4 Groups per partition – enabling simple partial set of a group of zones within a partition
- ◆ Up to 32 schedules for set/unset and output control, supporting 2 intervals per day.
- ◆ Auto-Install™ Technology assures simple installation
- ◆ High security features such as double password, keypad disable during scheduled set, and 2 separate buses (on ProSYS 128)
- ◆ 6 fully programmable Outputs onboard – one 3A relay, one 500mA open collector and four 70mA O.C.
- ◆ False Alarm prevention conforms to DD243. Features include double knock, fire alarm verification, programmable swinger shutdown, cross zoning, pulse counting, transmission delay, audible/visual exit delay
- ◆ One-man walk test
- ◆ Up to 99 user codes
- ◆ Up to 999 event log buffer
- ◆ Metal end station tamper N.C.
- ◆ Bell box tamper EOL
- ◆ Built-in internal Siren Driver (900 mA)
- ◆ Automatic Fuse technology

DIGITAL ELECTRONIC KEYS

- ◆ For easy set/unset operation
- ◆ Up to 16 digital key readers
- ◆ Same reader supports multiple partitions
- ◆ Easy code programming

SERIAL INTERFACE

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

INTEGRATED ACCESS CONTROL

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.

- ◆ Set/unset the alarm system easily with an access card, a key tag or a keypad
- ◆ 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

STU ADAPTOR

WIRED EXPANSION

Zone Expansion Modules

- ◆ 8 or 16 zone hardwired expansion modules
- ◆ Zone termination: NC, NO, EOL resistor, Double EOL resistor
- ◆ Programmable zone loop response time from 1ms up to 4 hours

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, user or schedule
- ◆ 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, siren disconnect, auxiliary failure
- ◆ Built in internal 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
- ◆ Save backup of configuration and copy default configuration to other systems

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

STU ADAPTOR

- ◆ STU adaptor with quick “Plug-in” connections
- ◆ Supports STU GSM module
- ◆ Includes remote engineer reset
- ◆ Fully supervised through the BUS

INTERACTIVE VOICE MODULES

The Interactive Voice Module enables a telephone to be used as a remote keypad while providing the user with operation voice prompts as well as plain language system status reports.

- ◆ 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