

Addressable Grade 3 Bus Detectors

ProSYS Addressable Bus detectors enable remote parameter setting and advanced diagnostic capabilities, from the ProSYS keypads or via the Upload/Download software.

Up to 32 Bus detectors can be installed on the ProSYS Bus without the need for physical zone expanders. Bus detectors also simplify installation and save on wiring costs, as only 4 wires enable full functionality and serial connection shortens wiring lengths.

Unique Installation and Remote Diagnostic Tools

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 modules, simplifying installation.

Bus Test is a bus communication quality test that is unique. It enables pinpointing intermittent malfunctions and faulty wiring, and allows extending the length of bus wiring. Bus Test may be performed remotely via Upload/Download and provides confidence that the bus wiring and module communication are fully functional.

ProSYS Laptop Demo Board

RISCO Group'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.



RPI28DBL0xxA ProSYS Laptop Demoboard

xx: Language/Market

Specifications

	ProSYS 16	ProSYS 40	ProSYS 128
Security			
Zones	8-16	8-40	8-128
Zone expansion (wired or wireless)	8	32	120
Zone expansion modules (wired or wireless)	1x8	4x8 or 2x16 or 2x8 + 1x16	1x8 + 7x16
Number of expansion buses	2	2	2
Partitions/Areas	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
Keypads	8	12	16
Account numbers	4	8	12
Weekly time schedules	8	16	32
Event Log	250	250	250
		expandable to 512	expandable to 999
IP Communication (ACM) ProSYS 128 Only			
Network Compatibility	Ethernet 10BaseT or 100BaseT TCP/IP protocol over LAN or WAN		
Security	256bit AES encryption, authentication and substitution protection, cipher key can be changed frequently		
Polling	Configurable heartbeat from every 10 sec.		
Email messages	Event driven by ProSYS		
IP Address	Static or dynamic (DHCP)		
Multiple Channel IP	Simultaneous multiple channel IP reporting and Upload/download		
Upload/Download	Via TCP/IP at 9600 bits/sec (local UD speed)		
GSM/GPRS Communication (AGM)			
Reporting channels	GSM voice channel, GPRS or SMS		
Encryption for GPRS and SMS reporting	128bit AES encryption, authentication and substitution protection		
SMS messages	Event driven by ProSYS		
Email messages	Event driven by ProSYS		
SMS operation of ProSYS	All panel operations, command operation confirmed by return SMS		
Prepaid SIM cards	Supported		
Upload/Download	Via GSM data channel (faster than PSTN)		
IP/GSM Receiver Software for ARC's			
Inputs	TCP/IP events from ACM GPRS events from GSM/GPRS module SMS events from GSM/GPRS module		
Outputs	Contact ID over COM ports		
Integration	XML protocol for integration with 3rd party applications		
Security	Advanced authentication, substitution and spamming protection		
Polling	Configurable from every 10 sec.		
Access Control			
A/C Modules	2 (4 doors)	4 (8 doors)	8 (16 doors)
Users with A/C capability	900	900	900
Users with arm/disarm and A/C capability	30	60	99
Follow-me messages			
Follow-me destinations (Voice, SMS or email)	8	8	16
Personalized voice messages (Common, Zones, Partitions, Outputs)	1,16,4,8	1,32,4,8	1,32,8,8

ProSYS installations controlled by SynopSYS™ Security & Building Management Software enable very large installations with a virtually unlimited number of zones

RPI28P040xxA ProSYS 128 kit in metal box + Keypad

RPI40P040xxA ProSYS 40 kit in metal box + Keypad

RPI16P040xxA ProSYS 16 kit in metal box + Keypad

xx - Language/Market

Specifications may change without prior notice

EN 50131-1 Grade 3



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ProSYS™

Integrated Security Systems



Total integration... Sheer opportunity

The innovative ProSYS integrated systems from RISCO Group 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 Advanced IP and GSM/GPRS communication, integrated Access Control, Wireless 433 or 868 MHz Expansion, Interactive Voice Modules and a variety of other features and accessories.

ProSYS provides a new level of remote service and installation convenience, with unique **Remote Diagnostic** capabilities and **Auto-Install™ Technology**.

All these combined with RISCO Group's exceptional customer support make ProSYS the ideal choice for any professional security installation.

RISCO
GROUP

Creating Security Solutions
With Care.

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ProSYS™

Integrated Security Systems

Keypads

- Elegant 16x2 character LCD keypads with proximity keytag option
- Intuitive menu-driven user interface
- 4 one-touch buttons for easy group arm/disarm or macro operations

RP128KCL0xxA	LCD Keypad
RP128KCLPxxA	Proximity LCD Keypad + 2 keytags
RP128KTO000A	10 Proximity keytags
RP128KL16xxA	16 LED Keypad
RP128KLO8xxA	8 LED Keypad

xx: 00 - English on keys & Indication LEDs
IC - Icons on Keys & indication LEDs

Proximity Electronic Keys

- For easy arm/disarm operation
- Up to 16 proximity key readers
- Same reader supports multiple partitions

RP128PKxx00A	Proximity Key Reader + 2 keytags
RP128KTO000A	10 Proximity keytags

xx: Housing type

Wireless Expansion

- 868 or 433MHz wireless receivers with internal antennas
- 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
- Wireless outdoor, PIR, PIR pet, and smoke detectors
- 4 button keyfobs, 2 button panic keyfobs
- Universal transmitters, magnetic contacts, flood and shock detectors

Wireless Accessories' ordering information available in our catalogue at www.riscogroup.com.

RP128EW0800A-B	Wireless 8 Zone Receiver 868MHz
RP128EW1600A-B	Wireless 16 Zone Receiver 868MHz
RP296EW0800A	Wireless 8 Zone Receiver 433MHz
RP296EW1600A	Wireless 16 Zone Receiver 433MHz

Interactive Voice Modules

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

RP128EV00xxA	Interactive Voice Module
RP128EVM000A	Message Box + Listen-in and Speak Module
RP128EVL000A	Listen-in and Speak Module

xx: Language

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

Addressable Bus Detectors ordering information available in our catalogue at www.riscogroup.com.



External Sounder

RISCO Group's ProSound is fully supervised and remotely diagnosable when installed on the ProSYS bus.

- Unique long-life Surface Light Technology (SLT™) strobe
- Remote Control and Diagnostics via ProSYS includes measurements of sounder input voltage and current, speaker current, battery voltage and battery load test.

RS200WAP000A	ProSound External Sounder Double Skin with Anti-Foam Protection
RS200WA0000A	ProSound External Sounder Double Skin

Main Panel

Wired Expansion

Event Log Expansion

- 512 or 999 event log expansion

Output Expansion Modules

- 4 high current relays output 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 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 10ms 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

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

RP296EL5000A	512 Event Log Expansion Module
RP296EL9000A	999 Event Log Expansion Module
RP296E04	4 high current relay outputs module (3A)
RP296E08	8 open-collector outputs module (70mA)
RP296EXT	X-10 Expansion Module
RP296EZ8	8 Zone Hardwired Expansion Module
RP128EZ8F00A	8 Zone Hardwired Expansion Module with Fast Response Time
RP296EZ16	16 Zone Hardwired Expansion Module
RP128EE0000A	Program Transfer Module
RP128EUSB00A	USB to RS485 Adaptor
RP296EBA000A	RS232 to RS485 Adaptor
RP296PRT000A	Parallel Printer to RS485 Adaptor

ProSYS Remote Communication

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

- Integrated dual or triple-path IP and GSM/GPRS reporting from within the main box
- Built-in PSTN dialer
- Support of major pulse, SIA and Contact ID formats
- 3 Monitoring Station numbers for backup monitoring



ACM - Advanced Communication Modules

- Enables fast, economic and constant IP communication between the alarm panel and the Central Monitoring Station
- Fully supervised accessory of the ProSYS located in the main panel box
- Secure communication with full SSL suite, 256 bit AES encryption cipher key altered frequently
- Multiple channel Ethernet and Fast Modem interface
- Events may be reported to email addresses
- IP/GSM Receiver software available for Monitoring Stations

RP128AB0100A	ACM Basic (RS485 and Ethernet interfaces)
RP128AA0100A	ACM Basic + Modem interface
RP128IP0000A	IP/GSM Receiver Software CD and License

AGM - Advanced GSM/GPRS Modules

- Primary or Backup reporting modes
- GPRS Class 10 connectivity
- Encrypted SMS and GPRS reporting to RISCO Group's IP/GSM Receiver in the MS
- Voice/SMS/Email event messages
- SMS remote control
- Remote Upload/Download via GSM data channel
- Support for prepaid SIM cards

RP128GSYxxxA	AGM Bus Full Version (Voice, SMS, GPRS, Data)
RP128GSMYxxxA	AGM Bus SMS/GPRS Version (SMS, GPRS, Data)

y: Select enclosure according to the following: M for Metal enclosure, O for PCB without enclosure
xx: Select antenna according to the following: 00 for GSM 900/1800 MHz (Europe & Asia Pacific)
US for GSM 850/1900 MHz (Americas)

Vault Control Module*

- Advanced vault control and monitoring from the ProSYS keypad or Control Center
- Installed inside the vault and controls the electro-mechanical locker bolt
- Secure up to 8 vaults or ATMs
- Every action reported in real time over IP
- Special scheduler designed for ATM service and protection

* Available for special projects

Integrated Access Control up to 16 doors

- Set/unset 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 999 users and generate activity reports
- Control the access for up to 16 doors independently
- Each module support 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

RP128EAC0xxA	2 Door Access Control Module
RP128EAR100A	HID Proximity Reader
RP128EAR200A	HID Proximity Reader with Keypad
RP128EAC100A	A/C Proximity Cards (25 units)
RP128EAC200A	A/C Thin Proximity Cards (50 units)
RP128EAK000A	A/C Proximity Keytags (10 units)

xx: Market