



# ProSYS.freeCom

Integrated Security Systems

## Simple yet Flexible

ProSYS.FreeCom is an Integrated Security System that is simple to install yet has the flexibility and comprehensive set of features to suit any application.

## Save Time and Money

Install RISCO Bus Detectors with remote service for extra profit by saving on cabling, zone expanders, installation time and on-site maintenance

## Unrivalled Dual-Path Signalling

ProSYS.FreeCom has an unrivalled dual-path signalling solution with totally integrated IP and GPRS communication from within the main box. This dual-path solution is integrated and compatible with leading signalling and monitoring solutions.

## Expandable

ProSYS.FreeCom is modular and expandable. Install a basic intruder system and add modules and functionality - be it dual-path IP and GSM/GPRS communication, Access Control, Voice Module or Wireless - as customer needs and budget evolves.

## Field Proven and Compliant with International Standards

ProSYS.FreeCom has a proven track record with installations in thousands of organizations, including banks, commercial, retail and public establishments.

ProSYS.FreeCom meets EN50131-1 Security Grade 3, Environmental Class II, and is DD243 compliant.

## Suits Large and Multi-Site Projects

ProSYS.FreeCom installations controlled by SynoSYS™ Security & Building Management software enable very large installations with a virtually unlimited number of zones.

## RISCO Group's Exceptional Reliability and Support

All the above combined with RISCO Group's renowned support and training make ProSYS.FreeCom the premier choice for your security system.



Creating Security Solutions.  
*With Care.*

[riscogroup.co.uk](http://riscogroup.co.uk)

## RISCO Bus Accessories

RISCO Bus detectors and sounders with remote service save time and money on cabling, zone expanders, installation and on-site maintenance.

- Outdoor, industrial, high-ceiling and commercial detectors
- iWISE Bus detectors include an extra zone input, for addition of a door/window contact, or any detector, saving wiring back to the panel
- Unique sounder with spotlight to illuminate your logo at night

RP128BZE	ProSYS™ Bus Zone Expander for 32 zones
RK815DTBG3	iWISE Bus DT AM Grade 3, 15m
RK825DTBG3	iWISE Bus DT AM Grade 3, 25m
RK800QBG3	iWISE Bus QUAD AM Grade 3
RK200DTG3	Industrial LuNAR Grade 3 High Ceiling Detector
RK325DT	WatchIN Industrial Grade 3 Detector
RK315DT	WatchOUT DT extreme Outdoor Detector
RK312PR	WatchOUT PIR Outdoor Detector



**RISCOBUS**  
Save • Control • Win

## Keypads, Proximity Keys & Audio

- Low Profile Touchscreen Keypads with proximity
- Intuitive menu-driven user interface
- Interactive voice module with full menu guide, remote messages and operation, listen-in and speak-in to the premises
- Proximity Key Readers for easy set/unset operation
- Program Transfer Module for program backup and copying to other systems

RP128KPP	Touchscreen Keypad with Proximity + 2 keytags
RP200KT	10 keytags for Touchscreen Keypad
RP128KCLPUKB	Proximity LCD Keypad + 2 keytags
RP128KT	10 keytags for Proximity LCD Keypad
RP128EV	Interactive Voice Module
RP128EVM	Message Box + Listen-in and Speak Module
RP128EVL	Listen-in and Speak Module
RP128EE	Program Transfer Module



## Wireless Expansion

ProSYS™ offers a wide range of wireless accessories for those difficult to wire locations

- Noise measurement and detector signal strength displayed on LCD keypad
- Outdoor, PIR, PIR pet, shock, glassbreak, door/window contacts, smoke, flood, gas and CO detectors
- Keyfobs and panic transmitters

RP128EW08B	Wireless 8 Zone Receiver
RP128EW16B	Wireless 16 Zone Receiver

## Access Control

- Integrated Access Control with anti-passback, up to 16 readers/doors
- Supports magnetic, proximity, barcode and biometric readers (Wiegand and Clock&Data protocols)

RP128EAC	2 Door Access Control Module
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## Vault Module

- Vault Control Module (VCU) for securing up to 8 vaults or ATMs
- VCU installed inside the vault and controls the electro-mechanical locker bolt, every action reported over IP to the control room

Vault Module only available for special projects

## Power Supplies

- 3A Switching Mode Power Supply (SMPS) with full supervision and advanced remote diagnostics
- 1.5A supervised power supply

RP128EPSP	3A SMPS in metal box
RP296EPSP	1.5 PS in metal box



## AGM Module

- Advanced GSM/GPRS module
- Primary or Backup operation modes
- GPRS Class 10 connectivity
- Central station reporting via GPRS and SMS to the IP/GSM Receiver, with 128bit AES encryption and polling
- Selective Voice/SMS/Email event messages
- SMS remote control of the panel with confirmation of command execution
- Supports remote Upload/Download
- Support for prepaid SIM cards
- Installed in ProSYS™ enclosure

RP128GSX AGM bus full version

## IP/GSM Receiver Software

- A software package which integrates into existing ARC
- The software receives the encrypted protocol from the ACM or the AGM and translates the events into standard protocols used by Monitoring Station applications.

RP128IP IP/GSM Receiver Software CD and License

## Fast PSTN Modem 2400bps & STU Adaptor

- Fast PSTN Modem allows upload/download at 2400bps
- STU adaptor with "plug-in" connectors

RP128MD24 Fast PSTN Modem 2400bps

RP128ST STU Adaptor

## ProSYS.FreeCom Main Panel

	ProSYS 40	ProSYS 128
Zones	8-40	8-128
Zone expansion (Star, Bus or Wireless)	32	120
Partitions/Areas	4	8
Groups per partition	2	2
User Codes	60	99
Programmable Outputs	6-38	6-70
Supervised Power Supplies	8	8
Keypads	12	16
Account numbers	8	12
Weekly time schedules	16	32
Event Log	512	512 expandable to 999
Triple EOL support for receiving alarm, tamper and mask signals on every single zone		



GSM/GPRS

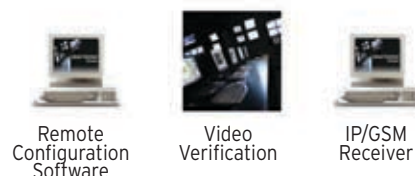


IP/Internet



PSTN/Dial Up

## Monitoring Station



## User Monitoring



Integrated Security & Building Management

## Wired Expansion

Large variety of Wired Expansion modules, including:

- Zone expansion modules NC, NO, EOL, DEOL, TEOL
- Output expansion modules
- Event log expansion
- X-10 adaptor
- Printer adaptor supports any standard parallel printer
- PC adaptors for local upload/download

RP296EL9	999 Event Expansion Module
RP296E04	4 relay outputs module (3A)
RP296E08	8 open-collector outputs module (70mA)
RP128EZ8G3	8 Zone triple EOL Module
RP128EZ16G3	16 Zone triple EOL Module
RP128EUSB	USB to RS485 Adaptor
RP296EBA	RS232 to RS485 Adaptor
RP296PRT	Parallel Printer to RS485 Adaptor
RP296EXT	X-10 Adaptor
ProSYS B5	Plastic Accessory Box
RP128B3	ProSYS Metal Box

## ACM Module

- Advanced IP communication module
- Secure IP communication with SSL, 256bit AES256 encryption, cipher key changed frequently, polling, substitution and authentication
- Compatible with 10BaseT and 100BaseT full-duplex
- Simultaneous multiple channel IP communication: event reporting and Upload/Download at the same time
- Event reporting to email addresses
- Supports static or dynamic IP addressing (DHCP)
- Project integration with 3<sup>rd</sup> party applications using Modbus or XML protocols
- Installed in the ProSYS™ enclosure

RP128AB ACM Basic (RS485 and Ethernet interfaces)

RP128AA ACM Basic + Modem interface

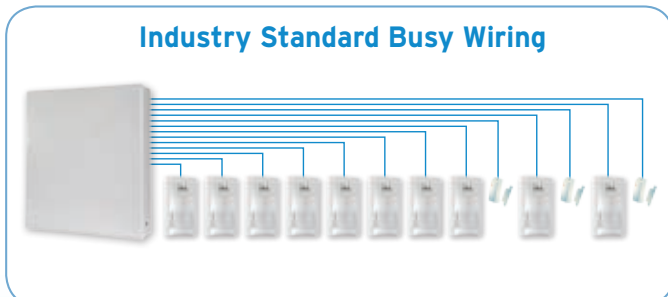


# Save Time & Money

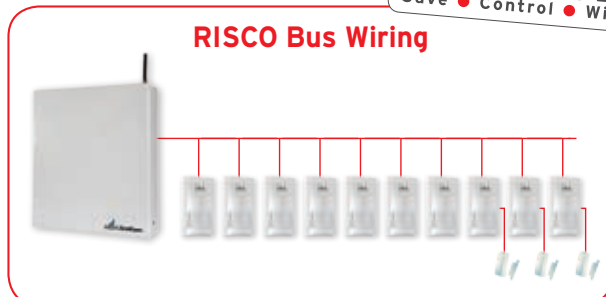
with RISCO Bus detectors  
and unique diagnostic tools



Industry Standard Busy Wiring



RISCO Bus Wiring

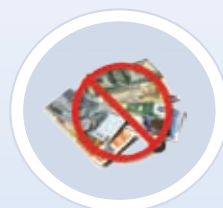


## Save on cabling length

Up to 128 Bus detectors can be installed on a 4-core alarm cable, eliminating the need to draw cables from the panel or zone expanders to each and every detector.

Each 40 Bus detectors can lead to cable savings of up to 700m\*.

\* using the extra zone input on iWISE Bus



## Save on labour

Laying less cable means less hours of labour - an estimated 6 hours less for each 100m of cable. Additionally, RISCO Bus detectors are approximately 2 minutes faster to install than regular detectors, as wiring in the panel is simpler, no EOL resistors are needed and detection parameters are set remotely.

For each 40 Bus detectors the above can save up to 40 hours.



## Save on zone expanders

RISCO Bus Detectors provide major savings on physical zone expanders. Up to 32 Bus detectors are supported on the panel directly, and the new Bus Zone Expander supports up to 32 additional Bus detectors, scaling up to a maximum of 128 Bus detectors.

**New iWISE Bus Detectors include an extra zone input, which allows the convenient addition of a conventionally wired device, saving on the wiring back to the panel, and on zone expanders.**



## Save on-site maintenance

Remote service allow setting and reading of all RISCO Bus detector parameters remotely, saving valuable installation and maintenance time. You can measure the DC voltage input on each Bus detector or change a detector's sensitivity remotely.

## Unique Bus Test

RISCO Bus Test checks the communication quality between the panel and each module on the Bus, and is unique to ProSYS.FreeCom. The Bus test helps validate correct Bus wiring and module communication, enables pinpointing intermittent malfunctions or faulty wiring from a remote PC or from the keypad, and gives confidence when extending the length of the Bus wiring.



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