

ACMTM Advanced Communication Module

Over the years, Internet and Intranet enabled applications have become popular management tools, especially for multi-site corporations. RISCO Group has recognized the needs of organizations to link their security systems with LAN/WAN networks. The state-of-the-art ACMTM enables IP connectivity for ProSYS Security Systems, providing secure and efficient monitoring and access to security systems located at multiple sites.

ProSYS ACMTM enables you to:

- **Increase your security and monitor your facilities effectively**

Fast IP network connectivity will enable you to monitor your multi-site security systems on-line, request status reports from the panels, collect or perform daily maintenance such as scheduling or arm/disarm; all from your PC. You can also receive email messages of events you define for security or maintenance purposes.

- **Easily integrate with other systems**

The ACMTM has an open-architecture design, meaning that every communication protocol and every interface is designed according to industry standards. This allows for easy integration with other systems and addition of future innovative products.

- **Use multiple channels of TCP/IP communication for concurrent operation and monitoring**

The ACMTM enables you and your security officers to simultaneously access the ProSYS system from multiple PCs, together with concurrent alarm reporting from the panel to the control room.

- **Use your existing IP network infrastructure and reduce your phone bill costs**

Connect RISCO Group's ProSYS with ACMTM to your IP network and use it for security communication between the panels and the control room. This alone will amount to enormous cost savings due to elimination of the daily recurring, and often long-distance, phone calls associated with alarm communications.



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ACM™ Features

- Provides IP connectivity over networks supporting the TCP/IP protocol (LAN and WAN)
- Fully supervised accessory of the ProSYS
- Secure communication with full SSL stack using AES256 bit encryption; cipher key changed frequently
- IP/GSM Receiver software available for compatibility with Monitoring Station applications
- 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
- Optional embedded web server with application links into the ProSYS control panel
- 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
- Mounted on the ProSYS main board or in an accessory box

ACM™ provides various IP connectivity methods to suit your monitoring and control requirements:

- Integrate the ACM™ with third-party Security or Building Management applications
- Customize the ACM™ with additional capabilities (software and hardware) to meet your project requirements
- HMI support by using industry standard Modbus protocol
- Use RISCO Group's Upload/Download software
- Utilize ACM™ Email support to receive event messages
- Use the optional Web server embedded in the ACM™
- Use RISCO Group's IP/GSM Receiver Software



IP/GSM Receiver Software

RISCO Group's advanced IP/GSM Receiver Software is a Windows-based software package that works in conjunction with the ACM module. Running on a network PC in the Central Control Room, this sophisticated software receives the encrypted protocol from the ACM and translates the events into standard protocols used by Monitoring Station applications (e.g., Contact ID).



Technical Specifications

Input voltage	8-16 VDC
Current consumption	300mA at 13 VDC
ACM card dimensions	180 x 85 mm (length x width)
Operating temperature	0°C to 55°C
Storage temperature	0°C to 85°C

Ordering Information

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

Due to ongoing improvements specifications are subject to change without prior notice.



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