

# AGM Advanced GSM/GPRS Module

RISCO Group's Advanced GSM/GPRS Modules (AGM) provides primary or backup cellular communication for reporting to up to 3 central stations. Reporting is performed via the GSM voice channel, or with encryption via the GPRS or SMS channels, in conjunction with RISCO Group's IP/GSM Receiver at the central station.

Remote Upload/Download programming over GSM, of RISCO Group's ProSYS or WisDom security systems, is achieved using the GSM data channel; faster compared to U/D over PSTN.

The AGM Universal Version is compatible with any control panel, supporting central station reporting of all panel protocols via the GSM voice channel. A unique feature is the capability to remotely activate an output via CLIP control, without any call charges.

All AGMs support prepaid SIM cards, enabling notification of SIM credit level to the end user or monitoring station.



## Highlights

- PSTN line simulation
- Primary or Backup operation modes
- GPRS Class 10 connectivity
- Encrypted SMS and GPRS reporting to RISCO Group's IP/GSM Receiver in the MS
- Selective Voice/SMS/Email event messages – up to 8 destinations
- SMS/DTMF remote system control by the user
- Local or Remote Upload/Download via GSM data channel
- Support for prepaid SIM cards
- Backup battery charger with deep discharge protection
- Universal version: 4 inputs, 4 outputs, 4 recordable messages
- Metal enclosure including cover and wall tamperers

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Feature Table	Universal Version	Bus Full Version	Bus SMS/GPRS Version
Control Panel Compatibility	All Control Panels, or stand-alone without any control panel	ProSYS, WisDom	ProSYS, WisDom
Primary or backup GSM/GPRS communication	√	√	√
Phone line simulation and voice capability	√	√	-
128bit AES encrypted SMS and GPRS (Class 10) reporting in conjunction with RISCO Group's IP/GSM Receiver in the MS	√	√	√
Event driven SMS messages	√	√	√
Event driven Voice messages	Yes, with RISCO Group's optional GSM voice module	Yes, requires ProSYS/WisDom with voice capabilities	-
Event driven GPRS email messages	√	√	√
SMS remote control with acknowledgment	√	√	√
DTMF remote control support	Depends on control panel	√	-
CLIP Remote Control, enables remote output activation without call charges	√	-	-
4 inputs for initiating SMS, GPRS or Email messages	√	Via main panel	Via main panel
4 programmable outputs for SMS or event activation	√	Via main panel	Via main panel
GSM Signal supervision and level measurement	√	√	√
Support for prepaid SIM cards	√	√	√
RISCO Group Upload/Download or AGM Configuration Software support via GSM Data channel	√	√	√
Phone calls can be made using an attached telephone (simulated telephone line via GSM)	√	√	-
Programming methods	Via SMS Via PC using AGM Configuration Software (local or remote)	ProSYS/ WisDom keypad Upload/Download local or remote	ProSYS/ WisDom keypad Upload/Download

### RISCO Group IP/GSM Receiver

RISCO Group's IP/GSM Receiver is a software package for Central Stations. It receives the encrypted events from RISCO Group's GSM/GPRS and ACM TCP/IP modules, decrypts them and in turn translates them to standard MS protocols, such as Contact ID.



### RISCO Group's Security Systems

RISCO Group's ProSYS Integrated Security Systems and WisDom Wireless Security Systems provide ideal solutions for every size and type of installation – from small residences to large institutions. These well designed, easily programmed and reliable systems offer significant benefits for both installers and end-users. Customized for local markets, RISCO Group systems are used in banks, universities, retail chains, offices, residences and thousands of other locations around the world.



### Technical Specifications

GSM industrial module	Quad band GSM 850/900/1800/1900 MHz
Operating power	13.8VDC +/- 10%
Current consumption	During communication - 300mA During quiescent state - 70mA
Recommended backup battery (optional)	12VDC/1.2A SLA rechargeable
Operating temperature	0°C to 55°C (32°F to 131°F)
Dimensions	Width x Height x Depth
Metal enclosure:	185 x 275 x 65mm (7.2" x 10.8" x 2.6")
Metal enclosure with antennas installed:	185 x 355 x 65mm (7.2" x 14" x 2.6")

### Ordering Information

Catalogue Number	Description
RP200GSYxxxA	AGM Universal Version
RP200GSV000A	Voice Module for AGM Universal Version
RP128GSYxxxA	AGM Bus Full Version (Voice, SMS, GPRS, Data)
RP128GSMyxxx A	AGM Bus SMS/GPRS Version (SMS, GPRS, Data)
RP128IP0000A	IP/GSM Receiver Software CD and License

y: Select enclosure according to the following:

M for Metal enclosure  
0 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 (North America)

Specifications are subject to change without prior notice



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