

ATS7310

GSM Communication Device ATS

Communication devices

The advisor MASTER and ADVANCED features a true communication centre offering multiple reporting connections to multiple central stations. The control panels have a PSTN communicator on board and optional ISDN, GSM, IP communication modules, where the ATS7310 can be used as a backup or primary reporting channel. It is scalable with back-up reporting options according your needs.

Product Overview

The ATS7310 GSM module is directly connected to the Advisor MASTER panel and fully enables alarm reporting and up- and downloading to TITAN via GSM.

All reporting formats available through PSTN are available via GSM, including voice reporting or audio listen-in.

The GSM module can be used for primary reporting as well as back-up reporting (using multiple central stations).

Up / Downloading

Besides the very good reporting facilities, the ATS7310 can establish a unique 4800 Baud data connection for up- and downloading. Dual band 900 / 1800 MHz is standard available. Especially for densely populated areas like big cities where many small cells are used with shorter receiving distances you will have the benefit of the 1800 MHz band.

For convenience 4 status LED's are permanently indicating:

- [] Communication between the panel,
- [] Status of the audio information transmitted to the central station
- [] Field strength or signal strength found by the GSM module
- [] General status of the GSM module (network presence, power etc.)

An open collector output is provide for signalling:

- [] Network Failure
- [] Fail to communicate
- [] Fuse Fail

SMS Reporting & Command/Control

The ATS7310 support SMS functionality when connected to the ATS Advanced panels. When connected together the system can send localized SMS messages to any mobile phone configured in the panel. Besides receiving an SMS the end user can send SMS messages back to the ATS Advanced as a command. He can check the status of the system, trigger and output and much more.



Details

- Full alarm reporting via GSM
- All popular reporting formats available, including voice reporting and audio listen-in
- Perfectly suitable for primary reporting in case a PSTN or ISDN line or IP connection is not available
- Back-up reporting easily configurable via multiple central stations
- Reliable data connection for Up/Download
- Unique 4800 Baud data connection for U/D
- Dual Band 900 / 1800 MHz
- Six status LED's for Diagnostics
- GSM Antenna included
- SMS Reporting on ATS Advanced
- SMS Command & Control
- Battery type and max. capacity - lead acid rechargeable 18 Ah 12 V nom. (BS131)

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Technical specifications

General

Product line	Advisor Advanced, ATS Master
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Network

Communicator type	Cellular
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Reporting

Supported receivers	Osborne Hoffman (OH), PSTN receivers
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Electrical

Power supply value	10 to 15 VDC (via ribbon cable from control panel) 10 to 15 VDC (via CON 1, BAT from backup battery)
Current consumption	(at 13.8 VDC \pm 5%) 20 mA (MI Bus) 20 mA (GSM Online via battery leads) 0.3 A (GSM Online Max. via battery leads)

Physical

Physical dimensions	104 x 50 mm
Net weight	44 g



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