ATS7340

4G/3G/2G cellular module for ATSx500A panels and Axon ATSx700

Communication devices

The Advisor Advanced features a true communication center offering multiple reporting connections to multiple central stations. Control panels having an IP on board and optional ISDN, PSTN, GSM, IP communication modules. The ATS7340 4G GSM module can be used as a primary or backup reporting channel. It is scalable with back-up reporting options according your needs.

Product overview

The ATS7340 GSM module is directly connected to the Advisor Advanced panel via MI-Bus and enables alarm reporting and uploading and downloading to ATS85xx. All reporting protocols 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). Besides, in case local network does not grant access to internet, ATS7340 can connect the panel to internet, enabling UltraSync connectivity..

Up / downloading

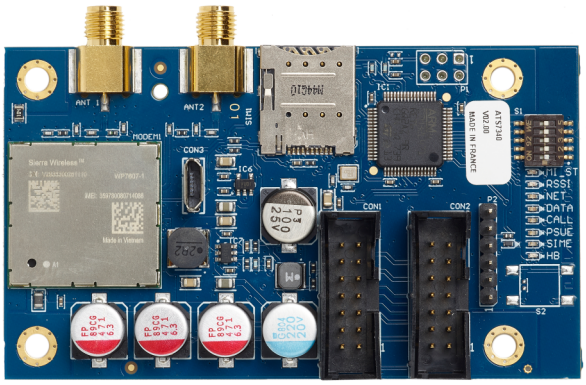
The ATS7340 can establish a GPRS connection for uploading and downloading when connected to the Advisor Advanced.
For convenience 8 status LED's are permanently indicating, communication to the panel, GSM signal strength, GSM module status (device heartbeat, network registration, GPRS/LTE communication, audio connection) and power supply

SMS reporting & command/control

The ATS7340 support SMS functionality when connected to the Advisor Advanced panels. When connected together the system can send localized SMS messages to any mobile phone configured in the panel. Optionally, the end user can send control commands through SMS to the Advisor Advanced.

ATS7340 achieves SP5 over LTE when reporting to OH servers, and DP4 when reporting over IP (primary) and LTE (backup) to OH servers - highest grades defined in EN50136. This enables reaching EN50131 Grade III with Advisor Advanced panels, and go beyond Grade 3 requirements.

Through UltraSync, end-users can also control their Advisor Advanced through the Advisor Advanced Pro App.



Details

- CAT-1 LTE connectivity for 4G networks with 3G and 2G fallback
- Cyber-secure by design - both the new modem and the module firmware have been redesigned to stand against modern cyber security threats
- Full alarm reporting via GSM - can be used a primary or secondary reporting path
- All popular reporting formats available, including voice reporting and audio listen-in. Digital audio codec driver significantly improves voice quality in voice reporting.
- Data connection for upload and download, can be used to connect to the panel via ATS85xx and Advisor Advanced App.
- 8 status LED's for diagnostics
- Multi-band GSM antenna is included
- All popular 2G/3G/4G bands are supported
- SMS reporting on Advisor Advanced
- SMS command & control on Advisor Advanced and Axon
- Fast and simple local firmware upgrade for the communication module and the modem
- Works with Micro size SIM cards (3FF)

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Technical specifications

General

Product line	Advisor Advanced, Axon
Status indication	x500A panels, MR4.4 onwards Axon ATSx700 MR1.0 onwards

Network

Communicator type	2G, 3G, 4G
GSM frequency	703-748 MHz, 824-849 MHz, 832-862 MHz, 880-915 MHz, 1710-1785 MHz, 1850-1910 MHz, 1920-1980 MHz, 2500-2570 MHz

Reporting

Supported receivers	Osborne Hoffman (OH), PSTN receivers, UltraSync

Interfaces

Antenna	Yes, included

Electrical

Operating voltage	9 to 14 VDC
Current consumption	<100 mA (idle) 120 mA (GSM online) 200 mA (GSM max.)

Physical

Physical dimensions	86.5 x 50 mm
Net weight	35 g

Environmental

Operating temperature	-10 to +55°C
Relative humidity	Max. 95% noncondensing
Environment	EN50130-5 ; Class II - Indoor (general)

Regulatory

Certification	EN50131 Grade 3, NFA2P, SBSC

Compatible products

Category	Reference	Description
Accessories	ANT-MLTB	Multiband antenna with high gain, to be used with ATS734x

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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