

ATS1809 IP Interface

The Universal Interface ATS1809 gives the Advisor MASTER product family a Web and Ethernet based control and connectivity via the Internet Protocol.

With the ATS1809 you will have the full benefit of alarm reporting over IP, using SIA, XSIA or CID. As a standard solution the Osborn Hoffmann front-end receiver will be able to receive the reporting format and protocol. Depending on the central station, individual solutions can be created to configure the receiving environment.

Specifications

Software	Description
Configuration	CID/SIA
Software upgrade paths	Upgradeable software obtainable from GE Security.
Reporting options	GE Security Network Receiver CID/SIA
Reporting backup	PSTN dialler, ISDN or GSM backup
Encryption	128-Bit Twofish data encryption (with management software) Triple DES encryption (with OH-Network Receiver.)
Typical TCP packet sizes	
Traffic type /Direction	Total bytes
Poll /Software > panel	85
Ack, no data/Software < panel	85
Ack, COS event/Software < panel	99
Ack, SIA/CID event/Software < panel	107
Network primitive frame size	
Ethernet frame	64-1522
IP Frame	20 + data
TCP Frame	20 + data
UDP Frame	8 + data
Hardware	
Power supply	12 V DC direct from auxiliary power from ATS panel or from DGP or other 12 V DC
Backup power	Battery supply via ATS Panel
Current consumption	80mA
Onboard status indicators	
LED indicators for:	Power Ethernet link and activity RS232 data transmit and receive
Data connection	
From panel to Universal Interface:	RS232 port connection from Universal interface to Port 1 connection on computer interface board if installed 100 Mbit RJ45 Ethernet interface
Board size	ATS BB Size
Data reset and refresh functions	
	CPU reset via jumper (J2). CPU reset via browser (Reboot CPU). Data reset to factory defaults via jumper (J8) Restart Communications via browser



- IP communication for ATS2000/ATS3000/ATS4000 Series
- ATS System component
- Interfaces via ATS1801 (computer interface)
- Uses SIA, XSIA and Contact ID
- Configurable using a web browser
- Static (fixed) IP addresses, No proxy
- Port number: configurable
- Low bandwidth requirements
- Small packets (typical 60-100 bytes)
- Poll rate adjustable (1- 255 seconds)
- TripleDES Encryption
- Built-in firewall
- Firmware can be upgraded via Web Browser
- Management functions implemented

Ordering Information

ATS1809	ATS Universal Interface for an Ethernet based IP connection
ATS1801	ATS Computer and printer interface