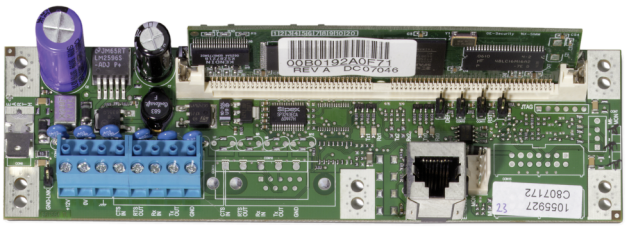
ATS-IP-KIT

Kit of ATS1809 Universal Interface for an Ethernet based IP and ATS1801

Product Overview

The ATS1809 Universal Interface (Universal Interface) acts as a gateway between an ATS MASTER alarm panel and the outside world. It includes an embedded web server to enable the installation technician to program all the necessary configuration options of the Universal Interface by means of a web browser on a computer.
The Universal Interface enables an ATS control panel to communicate with the monitoring station and/or security management systems at the same time via the Internet protocol (IP).
The ATS1801 Computer Printer interface is used to connect the ATS1809 via RS232 to the ATS MASTER panel. In addition the ATS1801 provides for an additional printer port.



Reporting Facilities

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 and process the events and forwared these to central station applications.
Depending on the central station individual solutions can be created to configure the receiving environment.

LED indications of ATS1809

• TX — Red LED indicates RS232 data transmission to Computer and Printer Interface
• RX — Green LED indicates RS232 data reception from Computer and Printer Interface

• PWR — Indicates power supply.

Details

- 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

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Technical specifications

General

Product line	ATS Master
Configuration	Via Web interface

Network

Communicator type	IP
Encryption	128-Bit Twofish data encryption (to management software) Triple DES encryption (to OH-Network Receiver.)

Reporting

Supported receivers	Osborne Hoffman (OH)

Electrical

Power supply value	12 V DC direct from auxiliary power from ATS panel or from DGP or other 12 V DC
Current consumption	80mA (ATS1809) + 25 - 150 mA (ATS1801)

Software upgrade paths

	Upgradeable software obtainable from Interlogix.

Reporting options

	Interlogix OH Network Receiver CID/SIA/XSIA

Reporting backup

	PSTN dialler, ISDN or GSM backup

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

Backup power

	Battery supply via ATS Panel

Onboard status indicators ATS1809

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 ATS1809

	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

Mounting of ATS1801

	On the ATS MASTER panel

KIDDE GLOBAL SOLUTIONS

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