



OH-NETREC-SOFTWARE

Network Receiver Licensed Software

The OH-NetRec

The Network Receiver software serves the proprietary monitoring provider as well as the traditional or contract central stations. The receiver will monitor all alarm activity and control communication using UTC Fire & security IP transmitters in the CSX75 panel range (like the CS7050 TCP/IP module), Advisor Advanced range (ATSx000A-IP), Advisor Master panel range (ATS2xxx, ATS3xxx, ATS4xxx with ATS1806 or ATS1809 module), NetworX panel range (like the NX-590(N)E TCP/IP module) and TDA74xx devices.

Alarm transmission

The communication between OH NetRec receiver and alarm transmitters is secured using 3DES encryption. The connection between transmitters and the receivers is continuously monitored using a polling mechanism (heartbeat). Depending on the interface to the automation software (IP versus RS232) and the polling interval the max number of supported accounts is 1,000.

For EN50131 grade 3 environments the receiver also supports enhanced substitution detection.

OH-NetRec capabilities

The Network receiver software can effectively monitor up to 1,000 controls with very little bandwidth required.

Multiple receivers may be used to support the dual, split, or backup TCP/IP reporting of the different TCP/IP Reporting modules.

Whether a university, large retailer, or traditional central station, the OH Network Receiver is a powerful receiver handling the finest and most versatile controls in the world.

Either Contact ID, SIA format or X-SIA reporting (ATS only) is supported and all of the major automation providers support the OH protocol and the Sur-Gard protocol (selectable) to send alarm information to automation. Additional signals are generated for Line Faults (alarm transmitter not responding) and substitution detected. The receiver offers a complete and secure solution for network and Internet monitoring.

Additional features

The receiver supports callback for up/download purposes when combined with the Multi-User Downloader (ATS8550). In environments where the IP address of the alarm transmitter changes regularly, Up/Download can only be achieved when the IP address is known. As the alarm transmitter is continuously connected to the receiver for supervision purposes the receiver is able to instruct the transmitter to start an up/download session.

Standard Features

- Java based, supported on Windows 7, Windows 8, Windows Server 2008
- Connects over networks using Ethernet with 10-BaseT/100-BaseT
- Heartbeats used to provide supervision of availability as well as substitution detection
- Monitors and supports 1,000 control panels
- RS232 serial port or IP connection to automation computer
- Supports SIA and Contact ID formats (all transmitters)
- Support X-SIA (ATS1806/1809 or Advisor Advanced-IP and through TDA74xx module)
- Supports both OH2000E protocol & Sur-Gard protocol on the RS232 output
- Supports the OH2000E protocol to MAS Automation over TCP/IP
- Required hardware depends on number of supported accounts

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Specifications

OH-NETREC-SOFTWARE	
Automation protocol	OH2000E
RS232	Sur-gard MLR, OH2000
Connection supervision	Yes
Polling	Yes
Substitution detection	Yes
Up/Download callback	Yes
Using ATS8550	
PC hardware (recommended minimum)	Dual core, 2.4GHz
Processor	
Memory	2GB
Operating system	Windows 7
	Windows Server 2008
	32 and 64 bit
Supported devices	ATS1806
Advisor Master	ATS1809
Advisor Advanced	ATS1000A-IP
	ATS2000A-IP
	ATS7310
CSX75	CS7050(N)
	CS9104/9204
	CS7002(N)
NetworX	NX590(N)E
	NX-7002(N)(V3)
	NX-9104/9204

Ordering Information

Part No.	Description
OH-NETREC-100	Network Receiver Licensed Software - 100 accounts
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