OH-NETREC-1000

Osborne Hoffman network receiver, licensed software, 1000 panels

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 KGS Fire & security IP transmitters in the various panels and devices.

Alarm transmission

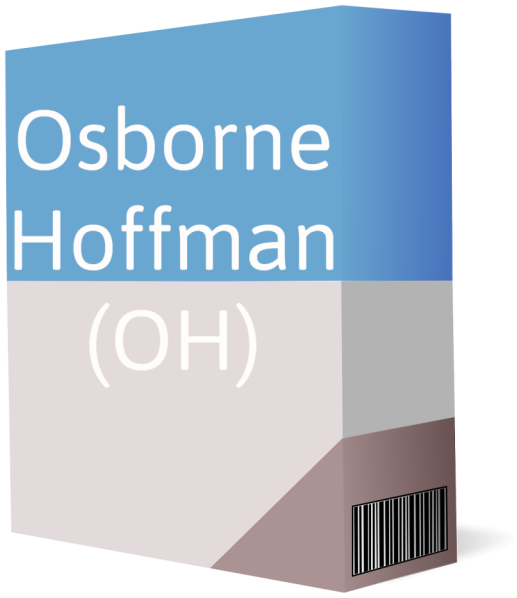
The communication between OH NetRec receiver and alarm transmitters is secured using 3DES encryption. The connection between transmitters and the receivers is continuously monitored using a polling mechanism (heartbeat). Depending on the interface to the automation software (IP versus RS232) and the polling interval the max number of supported accounts is 1,000.
For EN50131 grade 3 environments the reeciver 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.



Details

- Java based, supported Windows 10, Windows 7, Windows 8.x, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2 and Windows XP
- 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, Axon 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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Technical specifications

General

Product line	2X, Advisor Advanced, ATS Master, Axon, CS, ZP2
Segmentation	Commercial
Software type	Monitoring software
Supported technology	Indtrængen

Software details

Software architecture	Autonom
License type	Standaard (Basis), Opgradere

System requirements

Supported operating system	Windows 10, Windows 7, Windows 8.x, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows XP
Minimum system requirements	Intel Dual Core I5 with 4 GB RAM

Automation protocol

IP	OH2000E
RS232	Sur-gard MLR, OH2000

Connection supervision

Polling	Yes
Substitution detection	Yes

Up/Download callback

Using ATS8550	Yes

PC hardware (recommended minimum)

Processor	Dual core, 2.4GHz
Memory	2GB
Operating system	Windows 7
	Windows Server 2008
	32 and 64 bit

Supported devices

Advisor Master	ATS1806
	ATS1809
Advisor Advanced	ATSx000A-IP
	ATSx500A-IP
	ATS7310 and later
CSX75	CS7050(N)
	CS9104/9204
	CS7002(N)
NetworX	NX590(N)E
	NX-7002(N)(V3)
	NX-9104/9204

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