

Overview

The GE NX-590NE NetworX™ Module brings new functionality to the world of controls with Ethernet connectivity to your central station. Working in conjunction with the Osborne-Hoffman Network Receiver, a direct pipe is established into your current automation.

The NX-590NE can send events to two IP addresses for dual, split or backup reporting. Events may also be sent to two e-mail addresses. The NX controls can also be configured for dial or cellular backup should network communications fail.

Triple-DES encryption is used to protect data from being compromised. To further enhance network security, a dynamic KEY generation is employed with a new 24-byte random number generated for every event.

The NX-590NE also offers the choice of static IP, where the IP addresses are fixed and assigned by IS department; or DHCP, where a pool of IP addresses is assigned by a server to units on the network and IP addresses here can and do change. Either way, all functions are programmable via keypad or DL900 upload/download software.

Standard Features

- UP to 1,000 NX-590NEs can be monitored on the Osborne-Hoffman Network Receiver
- Backwards compatible to all NetworX controls and resides in a 6-inch slot in the control cabinet
- Provides 10/100BASE-TX Ethernet connectivity with TCP/IP
- Video tagging on all events sent to DVMRE digital recorder and multiplexer to be stored with video on hard drive
- On-site or remote-initiated download using DL900 software
- Code updates for NX-590NE can be downloaded and flashed into modules over the network
- Uses SIA or Contact ID reporting formats
- User-selectable polling time for full supervision
- Low current draw of 90 mA in standby and 120 mA during communication at 12 VDC from NX control
- Small bandwidth used with typical message (20 bytes)
- Embedded Web server with application links into NX control
- PPP connectivity via onboard optional 2400-baud or user-supplied modem

NetworX Network Module

Ethernet-connected network
module for central stations



North America
T 888-437-3287

Asia
T 852-2907-8108
F 852-2142-5063

Australia
T 61-3-9239-1200
F 61-3-9239-1299

Europe
T 32-2-725-11-20
T 32-2-721-40-47

Latin America
T 561-998-6100
T 561-994-6572

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Specifications

Compatible control panels	NX-4V2, NX-6V2, NX-8V2, NX-8, NX-8-CF, NX-8E, NX-8E-CF
Operating power	12 VDC supplied from the control panel
Current draw	120 mA during communication, 90 mA standby
Operating temperature	32 to 120°F (0 to 49°C)
Dimensions	6.0 x 3.25 x 1.0 in, (152 x 83 x 25 mm)
Shipping weight	1 lb. (454 g)
UL listings	UL294 Access Control System Units UL1610 Grade B & C Central-Station Burglar Alarm Units UL1635 Digital Alarm Communicator System Units UL609 Local Burglar Alarm Units and Systems UL3765 Police-Station-Connected Burglar Alarm Units and Systems

Ordering information

NX-590NE	NetworX ethernet-connected network module for central stations
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