

Overview

The NX-590E NetworkX 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-590E 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 communication 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-590E 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 10,000 NX-590Es can be monitored on the Osborne-Hoffman Network Receiver
- Backwards compatible to all NetworkX controls and resides in a 6-inch slot in the control cabinet
- Provides 10BT Ethernet connectivity with TCP/IP
- Video tagging on all events sent to Kalatel's 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 the NX-590E 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

NetworkX Network Module

Ethernet-connected network
module for central stations

