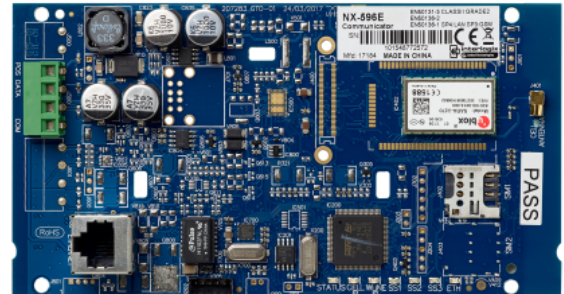# NX-596E

Dual Path Communicator (3G/Ethernet) and Remote Control Interface for NetworX panels, supported by UltraSync

General

The NX-596E is a dual-path IP communicator with 3G cellular backup for the NetworX security system family, supported by UltraSync. The NX-596E feature set offers solutions for IP alarm reporting as well as for the end-user who wants to control his security system. The NX-596E does not have a SIM card included and requires a 3rd party SIM card to be installed offering the UltraSync Basic Service.

More Value

By switching the NetworX panels from PSTN to a broadband IP internet connection, end-users will have a more responsive alarm system with the ability to receive smartphone push notifications and view live cameras. In addition, the UltraSync+ mobile app for Apple iPhone/iPad and Google Android smart phones allows users to arm/disarm, bypass zones, view event history, manage users, edit partition and zone names, send email reports and request the panel arm status based on geolocation.

More Secure

IP reporting is more secure and provides a range of additional features including faster communication of alarm messages, encrypted communications, path monitoring, and IP-based 3G backup. The UltraSync+ mobile app guarantees a secure connection between your smart phone and the NetworX security system over the cloud. The setup only requires to enter the NX-596E unique serial number and access code in the app. Many web-connected cameras have low-security allowing unauthorized access to camera footage by 3rd parties. The NX-596E supports adding selected UltraSync IP cameras which have multi-layered credentials (username, password, web access passcode). Unlike most other cameras and web services, these credentials are not stored online in a central database. Instead these remain inside the NX-596E. You control the access to the cameras.

More Reporting Options

The NX-596E can be configured to report to 2 different Osborne-Hoffman IP receivers.

Details

- Dual Path Interface (3G/Ethernet)
- 3G cellular as primary or backup path
- CMS alarm reporting to OH-NetRec
- Option to enable panel PSTN or other dialer as backup for OH-NetRec IP reporting
- UltraSync+ App for remote access and control
- Up to 8 destinations for email or push messages
- Configuration via built-in webserver or DL900
- Support for UltraSync Basic Service Model
- Video integration
- Automation via scenes
- Program text labels for NX-1820E touchpad
- Several status LEDs on-board
- Firmware upgradable via USBUP-EUR-V2 and DL900
- INCERT T014 certified

NX-596E

Dual Path Communicator (3G/Ethernet) and Remote Control Interface for NetworX panels, supported by UltraSync

Up to 8 destinations can be configured for email or push notifications. An email or push message contains the time and date stamp of the event and will identify the area, zone and user by name. No mail server needs to be programmed.

More features

Automated events can be configured via Scenes. For example, to record video footage when a motion sensor is triggered, or to turn on a light, or both. When installed with NX-507E/508Eoutput modules, scenes can perform functions such as turning on lights when you arrive home and turning them off when you leave. Or the user can manually control any output from the NX-507E/508E via the UltraSync+ App.The system camera feature is event-based and does not store video 24/7 like a DVR. Event-based recording of short video clips allows faster retrieval and review of video footage via the UltraSync+ mobile app. From the app, also live stream video can be watched and by simply pressing a button, the user can request the selected camera to record a short video clip.

Easy to program from anywhere

The NX-596E can be configured from a desktop PC or via the DL900 management software.

NX-596E

Dual Path Communicator (3G/Ethernet) and Remote Control Interface for NetworX panels, supported by UltraSync

Technical Specifications

Network

Communicator type	3G, IP
GSM frequency	3G 900/2100 MHz, 2G 900/1800 MHz

Reporting

Supported receivers	Osborne Hoffman (OH)

Interfaces

Ethernet	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Antenna	Yes, included
Panel interface	NX

General

Product line	NetworX
Configuration	NetworX 3-wire communication bus
Compatibility	NetworX control panels as of version V2 (NX-4, NX-6, NX-8, NX-8E, NX-7, NX-9, NX-10 and NX-11)
Supported languages	Supported languages for Push message and Email: English, Belgian Dutch, Dutch, Belgian French, German, Portuguese, Spanish, Italian , Greek
SIM card	Excluded

Electrical

Power supply type	12 VDC
Current consumption	80mA average 150mA maximum
Operating voltage	12VDC supplied from NX panel

Physical

Physical dimensions	152 x 81 x 20mm
Net weight	70 g

Environmental

Operating temperature	0 to 49°C
Storage temperature	-30°C to 49°C
Relative humidity	90% relative humidity non-condensing

Standards & regulation

Compliancy	CE, RoHS
Certification	INCERT

United Technologies

Climate | Controls | Security