UTC Fire & Security
A United Technologies Company

NXG-7000
xGen 3G communication module

General

The NXG-7000 module adds 3G mobile connectivity to the xGen alarm panel, allowing alarm reporting and remote connection over the 3G mobile network via UTC's UltraConnect cloud solution. A SIM card is pre-installed and should not be removed.
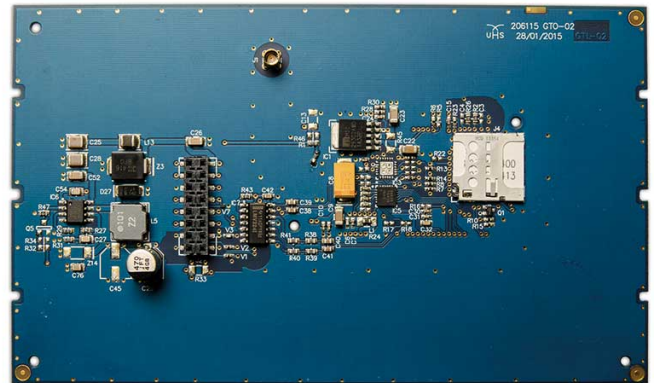
Installation

The NXG-7000 plug-on module can be installed on any xGen panel CPU. Open the top cover of the xGen CPU to have access to the panel's main board. Plug the 3G module via the supplied 16-pin header onto the main board and use the supplied cover to close the panel CPU again. The NXG-7000 includes a smart-roaming SIM card which will ensure the xGen system stays connected to the most stable mobile network. The network details and signal strength can be verified locally from the xGen web page or via the NXG-1820 keypad or remotely from the UltraConnect portal.

Connectivity

The NXG-7000 does not require any programming. Once powered, it will automatically connect to the UltraConnect cloud server from where several features can be set such as alarm reporting to a central monitoring station as primary or backup path. The xGen system can also send email messages via the 3G module and if the web access code is set, it allows both the end-user as well as the installer to remotely control and program the xGen panel via the NXG-7000 3G module.
The UltraConnect App allows the user to use an Apple® iPhone/iPad or Google Android device to arm/disarm partitions, enable or disable Chime, bypass zones and manage users. The same App allows the installer to perform basic and advanced system programming.
The UltraConnect cloud server will also allow the DLX900 download computer to make a secure connection to the xGen system via the 3G mobile network without the need to know the system's IP address or IP port settings. It only requires to enter the unique serial number and web access code in the DLX900 downloader.

Standard Features

- 3G plug-on communication module for xGen
- Smart roaming SIM card included
- For primary and/or backup reporting
- Automatic connection to UltraConnect cloud
- Diagnostic information for easy maintenance
- External antenna included

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Specifications

Operating power	5 Vdc via xGen panel
Current consumption	
standby	20 mA
active (reporting, U/D)	80 mA
maximum	750 mA
External antenna	
length	3 m
connector type	MMCX
Operating temperature	-10°C to 50°C
Storage temperature	-34°C to 60°C
Maximum humidity	85% relative humidity non-condensing
Dimensions	135 x 80 x 5 mm
Weight	0.220 kg

Ordering Information

Part No.	Description
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