

NXG-7001

xGen 3G communication module

General

The NXG-7000 & NXG-7001 add 3G mobile connectivity to the xGen alarm panel, allowing alarm reporting and remote connection over the 3G mobile network. The NXG-7000 has a SIM card pre-installed and once powered, will automatically connect to UTC's UltraSync cloud solution offering all benefits of the UltraSync Portal Service. The NXG-7001 does not have a SIM card included and requires a 3rd party SIM card to be installed offering the UltraSync Basic Service.

Installation

The NXG-7000 & NXG-7001 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.

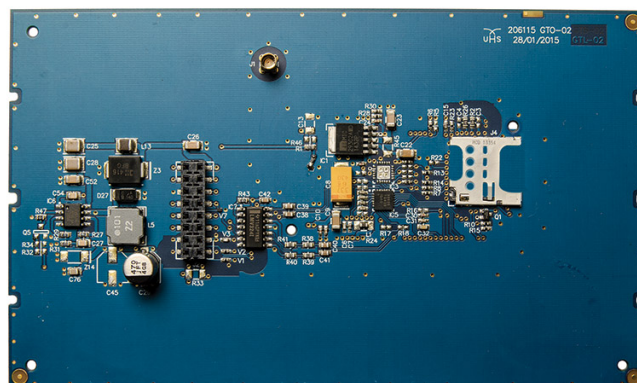
The NXG-7000 includes a smart-roaming SIM card which will ensure the xGen system stays connected to the most stable mobile network. A 3rd party SIM card needs to be added to the NXG-7001 as there is no SIM card included. The mobile network details and signal strength can be verified locally from the xGen web page or via the NXG-1820 keypad and in case of the NXG-7000, also remotely from the UltraSync portal.

Connectivity

The NXG-7000 does not require any programming. Once powered, it will automatically connect to the UltraSync Cloud from where several services can be enabled such as alarm reporting to any central monitoring station as primary or backup path. The xGen system can also send email and push 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.

As the NXG-7001 has to use a 3rd party SIM card, parameters such as the 3G APN and APN login details will need to be programmed in the panel. As part of the UltraSync Basic Service, the NXG-7001 offers alarm reporting to the OH-NetRec receiver and allows the end-user to remotely control the xGen panel as well as receiving push messages.

An 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. As part of the UltraSync Portal Service, the installer can use the same App to perform basic and advanced system programming .



Standard Features

- 3G plug-on communication module for xGen
- NXG-7000 includes a UTC smart roaming SIM card
- For primary and/or backup reporting
- NXG-7001 for OH-NetRec IP reporting
- Diagnostic information for easy maintenance
- External antenna included

NXG-7001

xGen 3G communication module

Specifications

Operating power	5 Vdc via xGen panel
Current consumption	
standby	20 mA
active (reporting, U/D)	80 mA
maximum	750 mA
UltraSync Service Level	
NXG-7000	UltraSync Portal Service
NXG-7001	UltraSync Basic Service
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
NXG-7000	xGen 3G communication module with UTC SIM card
NXG-7001	xGen 3G communication module