



NXG-7002-SIM

Optional WiFi/4G plug-on module for the xGenLite panel series

General

The 4G/WiFi module adds 4G cellular communication capabilities to the xGenLite series intrusion panels, allowing alarm reporting and remote connections over the 4G mobile network.

The NXG-7002-SIM has a SIM card pre-installed and once powered, will automatically connect to UTC's UltraSync Cloud Portal Service. The SIM card should not be removed.

In the event that the primary path (WiFi or Ethernet/Internet) is not available, the panel will automatically switch to the 4G cellular path to provide seamless alarm reporting.

If 4G is unavailable, the module will switch to 3G or 2G depending on local provider networks or cellular coverage.

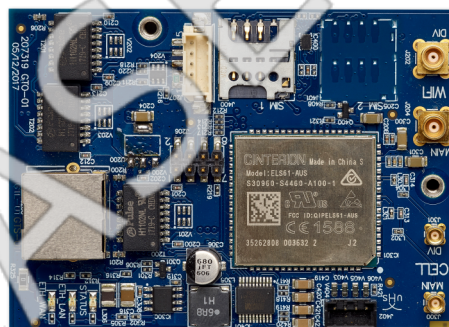
Supporting up to 2 antenna connections for both cellular as well as WiFi, the module ensures a reliable wireless link.

WiFi Capabilities

The on-board WiFi router can be used as access point, allowing other security devices such as the UltraSync WiFi cameras to connect directly into the intrusion panel. This separates the UltraSync cameras from the customer's network for better performance and security.

In client-mode, the on-board WiFi router can connect to the customer's router for primary internet access. This avoids having to install an ethernet cable between the xGenLite panel and the customer's router.

The WiFi router also provides a wired ethernet LAN should there be a need for a wired connection of one or more UltraSync cameras.



Details

- 4G with 3G & 2G fallback
- Primary or backup reporting (dual path)
- WiFi Access Point mode & Client mode
- Wired Ethernet LAN
- WiFi and cellular antennas included
- Antenna Diversity
- Several diagnostic LEDs on-board

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Technical specifications

Communication

IP	10/100Base-T IP/LAN
Cellular	4G (LTE FDD Bands1,3,8,20,28,sub-band 28A & 28B); 3G (UMTS); 2G (GSM 900/1800)

Electrical

Operating voltage	13.8 VDC (provided by panel)
Current consumption	Max 200mA at 13.8V Typical 118mA at 13.8V

Physical

Physical dimensions	85 x 62 x 28 mm
Shipping weight	150 g
External antenna	Included, 2 pieces
Antenna connector	2x MAIN, 2x DIV, type MMCX
SIM card slots	1

Environmental

Operating temperature	0 to +55°C
Storage temperature	-34° to 60°C
Relative humidity	90% non-condensing

Standards & regulation

EN50131 Grade	Grade 2
Compliance	CE
Certification	EN50131 Grade 2, INCERT

Alarm Reporting

NXG-7002-SIM (incl UTC UltraSync SIM card)
NXG-7002 (excl UTC SIM OH-NetRec card)

