NXG-7002-SIM

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

General

The 4G/WiFi module adds 4G cellular communication capabilities to the xGenConnect 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 the 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.

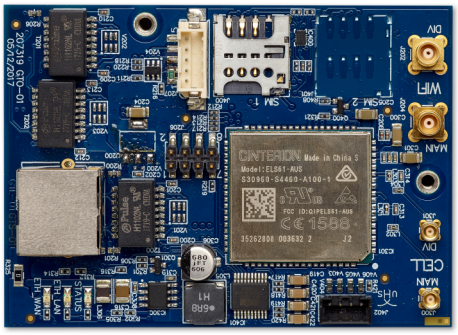
If 4G is unavailable, the module will switch to 2G depending local provider networks or cellular coverage.

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 connect to the customer's router for primary internet access. This avoids having to install an ethernet cable between the xGenConnect 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 2G fallback
- Primary or backup reporting
- Wired Ethernet LAN
- WiFi and cellular antenna included
- Several diagnostic LEDs on-board

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Technical specifications

System

Product line	xGenConnect
Kit	No

Electrical

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

Physical

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

Environmental

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

Regulatory

EN50131 Grade	Grade 2
Compliancy	CE
Certification	EN50131 Grade 2, INCERT, NFA2P

Communication

IP	10/100Base-T IP/LAN
Cellular	4G LTE FDD Bands 1,3,8,20,28 2G GSM 900/1800

Alarm Reporting

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

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