

GXX-4GE Series 4G Modem

Features

- ❑ Multi - Band LTE / HSPA+ and GSM / GPRS / EDGE
- ❑ High speed wireless network support



GXX-4GE used as external modem for GMS series

Outline

The GXX-4GE series are 4G modems which provide a secure wireless connection using the 4G network infrastructure for high speed data communications.

The GXX-4GE is a Multi - Band module solution with LTE - FDD / LTE - TDD and HSPA+ as well as GSM / GPRS / EDGE with up to 150 Mbps for downlink data transfer.

The 4G modem can be delivered as an external module, connected to and powered directly from GMS series recorders.

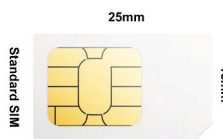
The unit is delivered with all necessary accessories, and peripheral units such as the cabling, connectors, antenna, etc as well as firmware & software, thus is ready to use out of the box together with the associated GeoSIG solution.

Specifications GXX-4GE Series 4G Modem

Functionality

Bands
B38 / B40 / B4 LTE - TDD
B1 / B3 / B5 / B7 / B8 / B20 LTE - FDD
B1 / B5 / B8 UMTS / HSDPA / HSPA+
900 / 1800MHz GSM / GPRS / EDGE

SIM Card
Supports 1.8 and 3 V SIM cards
Standard SIM (25 mm x 15 mm)



Management

Configuration Through GMS series

Data Transfer (maximum values)

LTE CAT 4 50 Mbps / 150 Mbps UL / DL
HSPA+ 5.76 Mbps / 42 Mbps UL / DL
UMTS 384 Kbps UL / DL
EDGE / GPRS 85.60 Kbps UL / DL

Data type used depends on telecommunication operator / provider and data transfer capacity in the chosen network.

Power

Powered directly from the GMS series

Consumption
56 mA standby
140 mA Peak Tx

Environment / Housing

Dimensions
GXX-4GE 80 mm x 160 mm x 60 mm

Weight
GXX-4GE approx. 300 g incl. cables

Environmental Protection
GXX-4GE IP65, optional IP66 / IP67

Temperature
Operation -30 to +80 °C
Storage -40 to +85 °C