**GeoSIG**
*swiss made to measure*

# GXX-3GMx Series 3G Router

## Features

- ❏ **HSPA & Quad Band GSM, upto 7.2 Mbps download**
- ❏ **10/100 Ethernet and USB interface**
- ❏ **N-type connector for external antenna (GXX-3GM)**
- ❏ **High speed wireless network support**

GXX-3GM

GXX-3GMPC

## Outline

The GXX-3GM series are 3G routers which provide a secure wireless connection using the 3G network infrastructure for high speed data communications.

The GXX-3GM is a Multi-Band module solution with HSPA as well as GSM/GPRS/EDGE with up to 7.2 Mbps for downlink data transfer.

The 3G router can be delivered either as an external module, connected to and powered directly from GMSplus series recorders or as stand-alone module for use with a computer or any other Ethernet compatible device.

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-3GMx Series 3G Router

**Functionality**

| | | |
|---|---|---|
| Bands | HSPA & Quad Band GSM | |
| | 850/1900/1700-2100 HSPA | |
| | 850/900/1800/1900 MHz GSM/GPRS/EDGE | |
| | | |
| Output power | HSPA | Class 3 (0.25W) |
| | GSM 850/900 MHz | Class 4 (2W) |
| | GSM 1800/1900 MHz | Class 1 (1W) |
| | | |
| SIM Card | Supports 1.8 and 3 V SIM cards | |
| | Mini SIM (25 mm x 15 mm) | |

**Management**

| | |
|---|---|
| Configuration | User-friendly Web GUI |
| | Wired and wireless network status |
| | Site survey test |
| | Firmware upgradeable |
| | SSH |

**Data Transfer (maximum values)**

| | |
|---|---|
| HSPA | 7.2 Mbps DL, 5.76 Mbps UL |
| EDGE/GPRS | Multi-Slot Class 12 |

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

**Power**

| | |
|---|---|
| GXX-3GM | powered directly from the GMSplus |
| GXX-3GMPC | powered by external power supply |
| | |
| Input voltage | 7 – 30 VDC |
| | |
| Consumption | 95 mA average Ethernet (standby) |
| | 275 mA Peak Tx |

**Environment/Housing**

| | |
|---|---|
| Dimensions | |
| GXX-3GMPC | 160 mm x 160 mm x 91 mm |
| GXX-3GM | 57 mm x 98 mm x 38 mm |
| | |
| Weight | |
| GXX-3GMPC | approx. 250 g excl. cables and accessories |
| GXX-3GM | approx. 1'000 g incl. cables |
| | |
| Environmental Protection | |
| GXX-3GMPC | IP41 |
| GXX-3GM | IP66 |
| | |
| Temperature | |
| Operation & Storage | -40 to +85°C |

QMS
ISO 9001
REGISTERED FIRM