

## GXX-GSM Modem

### Features

**Dual-Band GSM 900/1800 MHz**  
**Compliant to GSM phase 2/2+**  
**Operating status LED**  
**Compatible Antenna**  
**Control via AT commands**  
**R&TTE, GCF, e-mark, CE approved**



### Outline

The GXX-GSM modem is a Dual-Band device which has been specially designed for voice and fax communication and applications transmitting a low volume of data. The wireless communications unit is protected by robust industrial housing that also features a series of standard connectors and a SIM cardholder.

Being a standalone device, this plug-and-play 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 Instrument.

## Specifications GXX-GSM Modem

#### General

Bands: Dual-Band GSM 900/1800 MHz  
GSM Phase: Compliant to GSM phase 2/2+  
Output power: Class 4 (2 W) for EGSM900  
Class 1 (1 W) for GSM1800  
Supply voltage range: 8 ... 30 V  
Temperature range: -20°C to +70°C (normal)  
-25°C to +75°C (restricted)  
Switch off: +80°C  
Storage: -40°C to +85°C  
Dimensions: 65 x 74 x 33 mm  
Weight: 130 g

#### Communication

CSD data transmission Up to 14.4 kbit/s V.110  
Non-transparent mode  
USSD support  
SMS Point-to-point MO and MT  
SMS cell broadcast  
Text and PDU mode  
Fax Group 3, class 1, 2  
Voice Triple-rate codec for HR, FR and EFR  
Basic hands-free operation  
Echo cancellation  
Noise reduction

#### Special Features

7E1-character framing

#### Interfaces

Antenna connector FME (male)  
Plug-in power supply  
Handset audio interface  
Mini-SIM card reader  
V.24/V.28 interface on the  
9-terminal sub-D socket  
Operating status LED

#### Approvals

R&TTE, GCF, e-mark, CE  
Local approvals and network  
operator certifications

