

Low Cost GSM GPRS Modem Dual Band 900/1800 to QUAD Band 850/900/1800/1900 TER-GX101S, TER-GX102S, TER-GX103S and TER-GX104S

GSM and GPRS modem - Dual/Tri/Quad Band (850/900/1800/1900 MHz) with EASY GPRS Embedded (TCP/IP stack inside), EASY SCAN and EASY SCRIPT Support.



Product features

Dual or Tri or Quad band GSM GPRS modem / terminal (EGSM 850/900/1800/1900MHz) designed for GPRS, data, fax, SMS and voice applications. Fully compliant with ETSI GSM Phase 2+ specifications (Normal MS). Remote control by AT commands and AT+ (GSM 07.07 and 07.05) command set listed in the documentation of the GSM module GM862-GPRS/QUAD/PYTHON.

Key features:

- EASY GPRS Embedded:
 - Embedded TCP-IP stack and DNS query protocol
 - Just use AT commands to establish an internet connection through the GPRS network
- EASY SCAN: all gsm channels for parameters
- EASY SCRIPT: run your own scripts (Python only) with AT commands. 3,0 MB flash memory.
- GSM Jamming detection

Input voltage: 8V-24V

Input current @ 12V

- 8mA in idle mode
- 150mA by output power 2W

Temperature range

- -20°C - +70°C operating
- -30°C - +85°C storage

Overall dimensions and weight

80mm x 62mm x 31mm / 200g

Voice, Data/Fax, Short Message Services

Voice features

- Telephony
- Emergency calls
- Full Rate, Enhanced Full Rate and Half Rate

Dual Tone Multi Frequency Function (DTMF)

GPRS/Data/Fax features

- Packed Data (GPRS class B, class 8 TER-GX101, class 10 – TER-GX102, -103, -104)
- Coding schemes: CS1 to CS4
- Circuit Switched Data (CSD) asynchronous, transparent and non transparent up to up to 14.4 kbps
- Automatic fax group 3 (Class 1)

Short Messages Services features

- Text and PDU
- Point to point (MT/MO)
- SMS cell broadcast

GSM supplementary services

- Call Forwarding
- Call Barring
- Call Waiting and Call Hold
- Calling Line Identity
- Explicit Call Transfer

Interfaces

- RS-232 through D-TYPE 9 pin connector
- RJ11 voice connector
- Power supply through Molex 4 pin connector
- SMA antenna connector
- Toggle spring SIM card reader 3 Volt

TER-GX101S: GPRS Modem

TER-GX102S: Tri band Modem

TER-GX103S: Triband with Python modem

TER-GX104S: Quad Band modem