

## Low Cost GSM/GPRS Modem Tri Band 900/1800 /1900 TER-GX102S

GSM GPRS modem / terminal tri band GSM 900/1800/1900 with embedded TCP/IP stack.



### Product features

Tri Band GSM GPRS modem / terminal (EGSM900/1800/1900MHz) 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-PCS.

#### Input voltage: 8V-40V

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 10)
- 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