

Low Cost UMTS/GSM/GPRS Modem PENTA Band 850/900/1800/1900 – UMTS 2100 MHZ TER-GX400S

UMTS, GSM and GPRS modem - Quad Band (850/900/1800/1900/2100 MHz) with EASY GPRS Embedded (TCP/IP stack inside), EASY SCAN and EASY SCRIPT Support.



TER-GX400 with UC864-E wireless data modules are the ready solution for all your M2M wireless applications using GSM/GPRS and 3G .

- Designed for Industrial Applications
- Rugged design
- Small, lightweight and easy to integrate
- Low power consumption
- Extended temperature range
- EASY GPRS Embedded:
- Embedded TCP-IP stack and DNS query protocol
- Versatile internet connections and protocols by means of simple AT commands: sockets, SMTP, HTTP, FTP
- Red LED for Status
- Green LED free programmable
- ROHS compliant

Excellent technical support to help you in the integration of your solution:

- Quick technical assistance by dedicated e-mail services
- Dedicated technical forum provided by Round Solutions

Product Features

- HSDPA 7.2 MHz
 - UMTS/HSDPA (WCDMA/FDD) 2100 MHz
 - Quad band EGSM 850/900/1800/1900
 - GPRS multi-slot class 12
 - EDGE multi-slot class 12
 - Dimension: 80x62x31mm
 - Weight: 200g
 - Temperature range
- Operating: -20°C - +70°C

Interfaces

- 1.8/3V UICC SIM card interface
- USB 2.0 full speed
- RF connector, external antenna port SMA/M
- RS-232
- relay 1A 30V maximum

Approvals

- GCF/R&TTE, PTCRB/FCC
- Network Operator Certifications

Data

- HSDPA
- Downlink up to 7.2 Mbps
- Uplink up to 384 kbps
- WCDMA
- Downlink/uplink up to 384 kbps
- EDGE
- Downlink up to 236.8 kbps
- Uplink up to 118 kbps
- GPRS
- Downlink up to 85.6 kbps
- Uplink up to 442.8 kbps
- PBCC support
- CSD
- Downlink/uplink up to 14.4 kbps

Electrical

- Output Power
- Class 4 (2W, 33dBi) @ GSM850/900
- Class 3 (0.25W, 30dBi) @ UMTS
- Class E2 (0.5W, +27dBm) @ EDGE 1800
- Class 1 (1W) @ GSM1800/1900
- Supply Voltage 5-30V
- Power Consumption:

Additional features

- Voice and SMS
- TCP Stack with IP and UDP protocols
- Standard and extended AT command set
- Minimal power consumption
- Firmware upgradeable via USB or OTA