

MTX-ROUTER

Industrial Cellular Router for M2M applications



Five Band
UMTS (WCDMA)
HSPA+



GSM/GPRS
Quad Band



Ethernet



Wi-Fi b/g/n



ARM9 processor



RS232 port



Extended
Temperature
Range



RoHS & WE
compliant
Pb-free



The MTX-ROUTER terminal is a cellular terminal device that provides data transmission function by public WCDMA/HSDPA/HUSPA/HSPA+ networks.

The MTX-ROUTER is powered by a 32-bits ARM CPU with and embedded real time operating system and web interface allowing you to connect your existing Serial or Ethernet devices to the cellular network with a very basic configuration.

Industrial featured: the router can be used in industrial applications due to its extended operating temperature range such as intelligent transportation system, smart grid, industrial automation, telemetry, finance, POS, water supply, port, weather stations and so on.

It is manufactured using SMD technology following ISO-9001 & ISO-14001 Quality certifications and it's RoHS/CE compliant.

MTX-ROUTER

General features

- Quad-Band GSM 850/900/1900/2100MHz
- GPRS multi-slot class 12
- SIM Application Toolkit, 3GPP release 99
- Control via Web interface or CLI
- Industrial 32bits CPU
- Internet services: TCP, UDP, HTTP, FTP, SMTP, POP3, SNMP, TELNET, ICMP, etc.
- Supply voltage range:
 - Power range: 5 to 35VDC
 - Standard: 12VDC
- Average power consumption (at 12V)
 - Power down: 0.45mA
- Operating temperature range: -35°C to +75°C
- Operating humidity: 95%
- Dimensions, excluding connectors: 157 x 97 x 25 mm
- Weight: 440g
- IP 30 iron housing
- Din Rail and Wallmount kit included
- CE Certificated

Interfaces

- 10/100 Mbps Ethernet port (RJ45)
- Serial port (RJ45 to DB9 adapter included)
- Standard SMA female interface
- SIM card interface 3V, 1.8V
- Power input Jack connector
- 6 status LEDs:
 - Link/ACT
 - System
 - Alarm
 - Online
 - Coverage
 - Power
- Reset button
- WIFI SMA male interface (optional)

Ordering information

MTX-ROUTER GPRS

- Ordering code: 502300020
- Includes accessories: antenna and power adaptor
- Warranty 1 year (additional years under request)

MTX-ROUTER 3G

- Ordering code: 502300021
- Includes accessories: antenna and power adaptor
- Warranty 1 year (additional years under request)

MTX-ROUTER 3G WIFI

- Ordering code: 502300022
- Includes accessories: antenna and power adaptor
- Warranty 1 year (additional years under request)

Specification

- **3G**
 - HSUPA:5.76Mbps(Upload speed)
 - HSDPA:7.2Mbps(Download speed)
 - UMTS:384Kbps (DL/UL)
 - HSPA+: 21Mbps(Download speed)
- **GPRS**
 - GPRS class 12
 - Mobile station class B
 - PBCCH support
 - Coding schemes CS 1-4
- **SMS**
 - Remote controlled by SMS(optional GPRS model)
 - Reset
 - Coverage
 - Public IP address info.
- **WIFI (optional)**
 - 802.11b/g/n
 - AP mode, Client mode, Adhoc mode, Repeater, Bridge and WDS mode
 - WEP, WPA and WPA2 Encryption
 - Radius authentication support
 - MAC address filter

Software feature

- DHCP server and client
- Firewall features
- Port forwarding , NAT, DMZ host, URL block
- Schedule reboot, schedule online and offline.
- Support multiple DDNS provide services.
- Support local and remote firmware upgrades, import and export configuration files.
- Serial to cellular tunneling.

Dimension: (unit: mm)

