

MTX-ROUTER 4 ETH PORTS

Industrial Cellular Router for M2M applications

4G
Quad Band LTE
Tri Band HSPA+
UMTS (WCDMA)

 GSM
GPRS/EDGE
Quad/Dual Band

3G
Five Band
UMTS (WCDMA)
HSPA+


 Ethernet

ARM
ARM9 processor

 RS232 port

 USB 2.0
High Speed Port

 Wi-Fi b/g/n

 Extended
Temperature
Range



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 an 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 4 ETH PORTS

General features

- LTE Penta-Band 800/900/1800/2100/2600MHz
- 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: 206 x 135 x 28 mm
- Weight: 790g
- IP 30 iron housing
- Din Rail and Wallmount kit included
- CE Certificated

Interfaces

- 4 x 10/100 Mbps Ethernet ports (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

Ordering information

MTX-ROUTER 3G 4 PORTS WIFI

- Ordering code: 502300023
- Includes accessories: antenna and power adaptor
- Warranty 1 year (additional years under request)

MTX-ROUTER LTE 4 PORTS

- Ordering code: 502300030
- Includes accessories: antenna and power adaptor
- Warranty 1 year (additional years under request)

MTX-ROUTER LTE 4 PORTS WIFI

- Ordering code: 502300031
- Includes accessories: antenna and power adaptor
- Warranty 1 year (additional years under request)

Specification

- **4G**
 - LTE/HSPA+:100Mbps(Download speed)
50Mbps(Upload speed)
- **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
- **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)

