multimax+

With multiple connectivity options, the Multimax MA-2040-4G Band 28 4G modem is a rugged router suitable for a diverse range of industrial M2M applications.

The Multimax features dual-SIM capabilities as well as two Ethernet ports, which provides advanced redundancy functionality. The 4G(LTE) connectivity means you can now achieve faster Internet connections over the air

This 4G Router is perfect for applications such as video streaming to expandable device monitoring, the Multimax is an adaptable, multi-purpose device for all your data needs.

Key Features

- 4G LTE- Band 28 Supported
- 150 Mpbs Downlink, 50 Mpbs Uplink
- Multi-network, Dual-SIM redundancy
- Supports Packet Switched Data
- 2 x Configurable Ethernet ports
- 1 x RS232, 1 x RS485, 1 x USB 2.0 host
- 2 x digital inputs, 2 x digital outputs
- 2 x SMA Antenna (Main and Diversity)
- Supports Modbus/RTU to TCP
- Auto reboot during a preset time
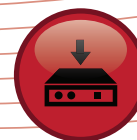- Wide range Input voltage range from 9 to VDC

Video Surveilance

Broadcast

Electronic Signage

Security

Media Transfer

Real-Time Monitoring

Frequency Bands

LTE FDD: B1(2100MHz), B2(1900MHz), B3(1800MHz), B5(850MHz), B7(2600MHz), B8(900MHz), B20(800MHz), B28(700MHz)

DC-HSPA+/HSPA+/HSPA/WCDMA: B1(2100MHz), B2(1900MHz), B5(850MHz),B8(900MHz)

EDGE/ GPRS/GSM: B2(1900MHz), B3(1800MHz), B8 (900MHz), B5(850MHz)

Features

- Rugged Cellular router offering mobile connectivity for M2M applications
- Six LED indicators provide status and signal strength (RSSI)
- Supports network protocol such as PPP, PPoE, TCP, UDP, DHCP, ICMP, NAT, DMZ, RIP, OSPF, DDNS, VRRP, HTTP, HTTPs, SNMP, SMTP
- Management via web, CLI, SNMP & Remote SMS
- 2 x Ethernet port can be configured as two LAN or one LAN and one WAN
- The metal enclosure can be mounted on a DIN-rail or on the wall, also with extra ground screw
- Optional diversity Antenna for improved fringe performance

Data

- LTE FDD: Download speed Max. 150Mbps, Upload speed Max,50Mbps @ 20M Bandwidth CAT4
- DC-HSPA+: Download speed Max. 42Mbps, Upload speed Max. 5.76Mbps
- HSPA+: Download speed Max. 21.6Mbps, Upload speed Max. 5.76Mbps
- WCDMA: Download speed Max. 384kbps, Upload speed Max. 384kbps
- EDGE: Download speed Max. 236.8 Kbps, Upload speed 236.8 Kbps

Dimensions / Mounting / Weight

- Ingress Protection IP30
- Metal Case
- 570g
- 125 x 104 x 43.5mm
- Installation: Desktop, Wall mounting and 35mm DIN rail mounting

Environmental Specifications

- Normal Operation Temperature -35 to 75°C
- Storage Temperature -40 to 85°C
- Humidity: 5% ~ 95%

Certification

- CE, R & TTE, FCC, PTCRB, GCF, AT & T, IC, Rogers, RCM, CB, E-Mark, NBTC, RoHS, WEEE

Power Supply and Consumption

- Connector 3-pin 5mm female socket with lock
- Input voltage 9 to 60V DC
- Power consumption idle: 100 mA@12V
- Data Link: 400 mA (peak) @12V

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