

MTX-ROUTER-HELIOS II US version

Industrial LTE Router 4 Ethernet ports WiFi

The MTX-Router-Helios II is the new LTE industrial router developed for industrial applications. The router has some special features that make this device the perfect solution for harsh environments such as in-vehicle use, factory, traffic panel information systems, wind and solar farms, etc.

Plenty of interfaces: 4 x Ethernet, WiFi 802.11n, USB, RS232, Dual SIM it can be used for many different M2M and IoT applications. A LTE modem is attached internally.

The MTX-Router-Helios II also includes advanced functionalities such as: DHCP server, NAT, QoS, Firewall, WiFi access point, captive portal, 4G to RS232 gateways, Modbus RTU to Modbus TPC gateway, VPN tunneling (IPsec, PPTP, GRE and open VPN), DynDNS/NoIP client, digital I/O control, remote firmware upgrade, among others.



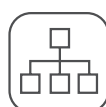
MAIN FEATURES



4G connectivity



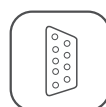
WiFi



4x Ethernet



USB 2.0



RS232
RS485



DIO



GPS



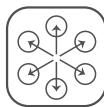
Connectivity
supervisor



DHCP



Firewall



Modbus



DynDNS



Programmable
autoreset



VPN



DC: 9-48 Vdc



Temperature range: -20° to +70°C



Dimensions: 7.4x4.3x1.2"



Weight: 1.3lbs

Preliminary Datasheet. Subject to changes | 2017/09

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mtxm2m.com



MTX-ROUTER-HELIOS II 4G



LTE 800, 900, 1800, 2600MHz; UMTS/HSPA+ 900, 2100MHz

4G

LTE Cat.4 FDD: B1, B3, B7, B8, B20: DL 150Mbps, UL 50Mbps; MIMO

3G

HSPA (3GPP release 6, 7) B1, B8: DL 7.2Mbps, UL 5.7Mbps; HSDPA Cat.8/HSUPA Cat.6 data rates



BD/GLONASS/GPS

Interfaces

4G

4G connectivity



4x Ethernet 10/100 BaseT



USB 2.0



1x RS232 (4-wire)



1x RS485/232 (2-wire)



2x digital input/output



Operating LEDs



Dual SIM card interface 1.8V/3V



Internal WiFi 802.11 b/g/n



Console port connector



Terminal block for power redundant power input



GPS

Connectors



5x SMA F antenna connectors



4x RJ45: Ethernet 10/100 BaseT



1x micro USB connection AB Type



1x RJ45 console port connector



1x DB9: RS232/485



2x SIM cards



Terminal block: power input

Packing List Included



Power adapter



DIN rail and wallmount kits



Console port cable



Ethernet cable



WiFi antennas



LTE antennas

SOFTWARE FEATURES



4G connectivity supervisor to maintain connection always active



DHCP server



Captive portal with radius authentication



NAT/IP firewall



QoS



Modbus TCP to Modbus RTU



Serial tunnelling



DynDNS, NoIP



Programmable autoreset



VPN tunneling (IPsec, PPTP, GRE and open VPN)



VLAN management



Remote management (web, SSH, Telnet)



Remote firmware upgrade

ORDERING INFORMATION

MTX-Router-Helios II Verizon

502300043

MTX-Router-Helios II AT&T

502300044