



MTX-ROUTER-HELIOS II

LTE/4G/3G/2G & 4x Ethernet industrial IoT router

MTX-Router-Helios II for industrial applications has features 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, DynDNS/NoIP client, digital I/O control, remote firmware upgrade, etc.



MAIN FEATURES







2x Ethernet



RS232



RS485





rail





DHCP



Firewall



Serial tunnelling



Dyn-DNS



Programmable autoreset



Remote management

∮ DC: 9-48 Vdc

 ∏ Temperature range: -20° to +70°C Dimensions: 187x110x31mm

Weight: <600gr
</p>









Preliminary Datasheet. Subject to changes | 2020/05 MTX © by MATRIX ELECTRONICA S.L.U. **SUPPORT:** iotsupport@mtxm2m.com SALES: info@mtxm2m.com mtxm2m.com

HARDWARE FEATURES

MTX-ROUTER-HELIOS II 4G



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

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

GPRS B3, B8: Class 12; mobile station class B; PBCCH support; coding schemes CS 1-4

BD/GLONASS/GPS

Interfaces

4G/3G/2G 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

finternal WiFi 802.11 b/g/n

Console port connector

Terminal block for power redundant power input

GPS GPS

Connectors

4x SMA F antenna connectors: GSM/GPS

1x SMA F RP antenna connector: WiFi

4x RJ45: Ethernet 10/100 BaseT

1x USB connection A Type

品 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

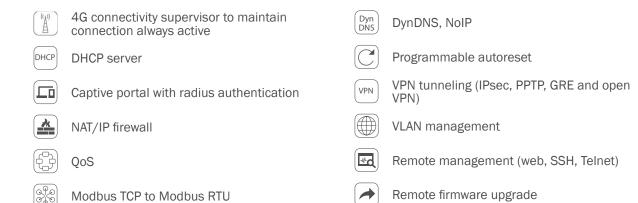
Ethernet cable

WiFi antennas

LTE antennas



SOFTWARE FEATURES



ORDERING INFORMATION

MTX-Router-Helios II LTE WiFi GPS 4xETH

Serial tunnelling

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