MTX-ROUTER-HELIOS II

Industrial LTE Router 4 Ethernet ports GPS and 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.
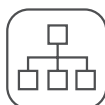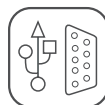
MAIN FEATURES

4G	WiFi	Ethernet	USB/RS232	Extended	IN OUT	Dyn DNS
4G connectivity	WiFi b/g/n access point	Ethernet	USB/RS232 RS485	Extended temperature	DIO	DynDNS/No-IP compatible
SMS	Firewall	Web server	GPS			
SMS alarms and control	Firewall	Web server	GPS			

⚡ DC: 9-48 Vdc
🌡 Temperature range: -20° to +70°C
⬚ Dimensions: 187x110x31mm
🔌 Weight: <600gr

CE FC PTCRB RoHS Compliant ISO 9001

HARDWARE FEATURES

MTX-ROUTER-HELIOS II 4G

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

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

General 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

Power adapter, wallmount and DIN rail kits included

Interfaces

4x ethernet 10/100 BaseT (RJ45 connector)

Internal WiFi 802.11 b/g/n optional

USB, 1x RS232 4-wire and RS485/232 2-wire

2x digital input/output

Operating LEDs

Dual SIM card interface 1.8V/3V

Console port connector

5x SMA antenna connectors

Terminal block for power redundant power input

Ordering Information

MTX-Router-Helios II LTE WiFi GPS 4xETH	502300041