

MTX-ROUTER-HELIOS Lite 4G

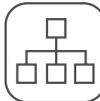
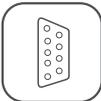
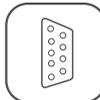
LTE/4G & dual Ethernet compact industrial IoT router

The MTX-Router-Helios Lite 4G WiFi is the new industrial router developed for industrial applications. The router has a very compact design with a very rugged enclosure and accessories to be mount in a DIN rail or wall mount. This is the best choice if you are looking for a simple but industrial 4G router to connect your device or network into the cellular network. It features dual-Ethernet, VPN client and 3 antennas included.

The MTX-Router-Helios Lite can be used in many different IOT applications like kiosk, telemetry, remote sensing, smart grid, security, industrial automation, etc...



MAIN FEATURES

- | | | | | | | |
|--|---|--|--|--|---|--|
| 
4G connectivity | 
WiFi | 
2x Ethernet | 
RS232/
RS485 | 
DIN rail | | |
| 
DHCP | 
Firewall | 
Serial tunnelling | 
DynDNS | 
Programmable autoreset | 
VLAN | 
Remote management |

-  DC: 5-35 Vdc
-  Temperature range: -35° to +75°C
-  Dimensions: 136x99x28mm
-  Weight: 390gr

Preliminary Datasheet. Subject to changes | 2017/09
MTX © by MATRIX ELECTRONICA S.L.U.
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HARDWARE FEATURES

MTX-ROUTER-HELIOS Lite 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

2G

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

Interfaces



4G/3G/2G connectivity



2x Ethernet 10/100 BaseT



1x RS232 (4-wire) or 1x RS485/232 (2-wire)



WiFi 802.11 b/g/n (optional)



Operating LEDs



SIM card interface 1.8V/3V



Console port connector



DIN rail

Connectors



2x RJ45: Ethernet 10/100 BaseT



1x RJ45: console port connector, RS232/485



SIM card



2x SMA F antenna connectors: GSM



1x SMA F RP antenna connector: WiFi



DC power jack: power input

Packing List Included



Power adapter



DIN rail and wallmount kits



Console port cable



Ethernet cable



WiFi antennas



LTE antennas

SOFTWARE FEATURES

- | | |
|--|---|
|  DHCP server |  Schedule reboot, schedule online and off-line |
|  NAT/IP firewall |  VLAN management |
|  Serial tunnelling |  Remote management (web, SSH, Telnet) |
|  Multiple DDNS provider supported |  Remote firmware upgrade |

ORDERING INFORMATION

MTX-Router-Helios Lite 4G WiFi

502300045