

# MTX-Router-EOS

## LTE/4G, dual SIM & 3x Ethernet compact industrial IoT router

The MTX-Router-EOS is an entry level router developed for industrial applications. It has a very compact design with a very rugged enclosure and accessories to be mount in a wall mount. It features dual SIM, 3x Ethernet, VPN client and 3 antennas included (another one for GPS optional). The MTX-Router-EOS can be used in many different IOT applications like kiosk, telemetry, remote sensing, smart grid, security, industrial automation, etc.



### MAIN FEATURES



4G



Dual SIM



WiFi



3x Ethernet



RS232/  
RS485



DIN rail



Modbus



VPN



DHCP



Firewall



Serial  
tunnelling



DynDNS



Programmable  
autoreset



MQTT



SMS  
control



### CERVELLO STEM - IOT PLATFORM FREE FOR ONE YEAR WITH THIS DEVICE



Devices  
inventory



Rules engine



Command  
template







Remote Control



Real time  
Dashboards



Custom  
admin role

-  DC input: 5-35 Vdc Phoenix type
-  Temperature range: -35° to +75°C
-  Dimensions: 115x97x24mm
-  Weight: 390gr

Preliminary Datasheet. Subject to changes | 2020/05  
MTX © by MATRIX ELECTRONICA S.L.U.  
SUPPORT: [iotsupport@mtx2m.com](mailto:iotsupport@mtx2m.com)  
SALES: [info@mtx2m.com](mailto:info@mtx2m.com)  
[mtx2m.com](http://mtx2m.com)

# HARDWARE FEATURES

## MTX-ROUTER-EOS 4G



LTE 700, 800, 900, 1800, 2600MHz; UMTS/HSPA+ 900, 2100MHz

4G

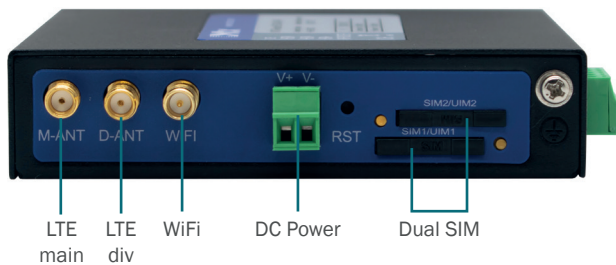
LTE Cat.4 FDD: B1, B3, B7, B8, B20, B28A: DL 150Mbps, UL 50Mbps; MIMO

3G

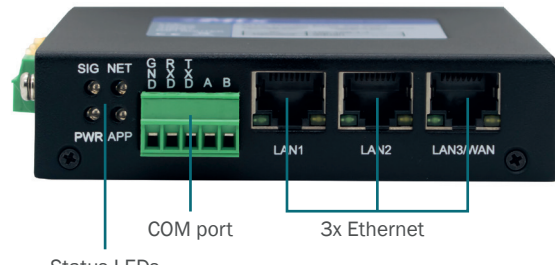
HSPA (3GPP release 6, 7) B1, B8: DL 7.2Mbps, UL 5.7Mbps; HSDPA Cat.8/HSUPA Cat.6 data rates

2G

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



LTE main, LTE div, WiFi, DC Power, Dual SIM



Status LEDs

### Interfaces



4G/3G/2G connectivity



3x Ethernet 10/100 BaseT



1x COM (RS232 or RS485)



WiFi 802.11 b/g/n



GPS (optional)



Operating LEDs



SIM card interface 1.8V/3V



DIN rail

### Connectors



3x RJ45: Ethernet 10/100 BaseT



1x terminal block: RS232/485



Dual SIM card



2x SMA F antenna connectors: LTE



1x SMA F RP antenna connector: WiFi



1x SMA F antenna connectors: GPS (optional)



DC power terminal block: power input

### Packing List Included



DIN rail and wallmount kits



Ethernet cable



WiFi antennas












LTE antennas

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## SOFTWARE FEATURES

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-  DHCP server
-  NAT/IP firewall
-  Serial tunnelling
-  Multiple DDNS provider supported
-  Automatic data sending (MQTT)
-  Schedule reboot, schedule online and off-line
-  SMS control
-  Remote management (web, SSH, Telnet)
-  Remote firmware upgrade

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## ORDERING INFORMATION

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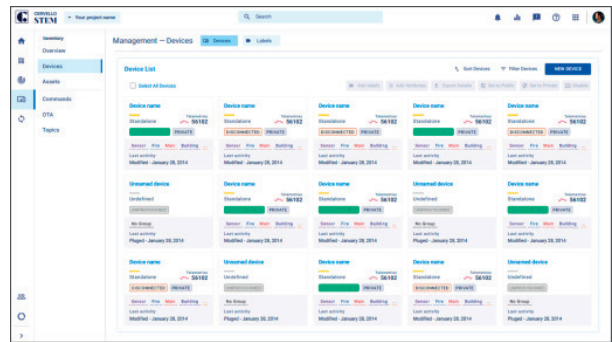
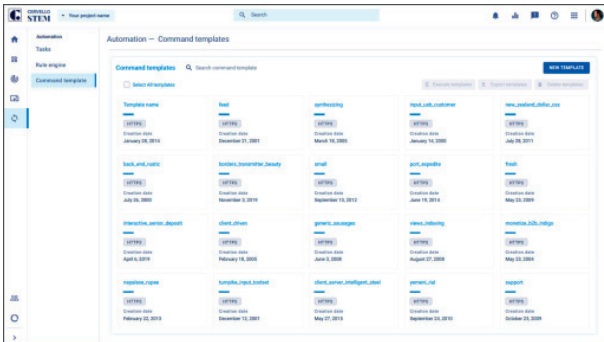
MTX-Router-EOS 4G WiFi

**502300047**










# CERVELLO STEM - IOT PLATFORM


FREE FOR ONE YEAR WITH MTX DEVICES\*\*






## General Features

-  Up to unlimited devices
-  Rules engine
-  Real time dashboards
-  Remote control
-  Multi-tenant\*
-  White labeling\*
-  Custom admin role\*



## Control

-  Command template




## Devices Inventory

-  Add single and single from template
-  Add Bulk from template and from autoprovisioning
-  Manage: Device template, Groups, Assets and Bulk actions

## Visualize

-  Dashboards
-  Reports

## Security

-  2-factor authentication
-  SSL for end user application
-  Custom admin roles\*

\*Upgrade required

\*\*Available with compatible devices: MTX-EOS and MTX devices with MTX-Tunnel or MTX-Titan