

MTX-ROUTER-HELIOS I

Industrial Cellular Router for M2M applications

The MTX-Router-Helios I is a cellular device that provides data transmission function by public WCDMA/HSDPA/HUSPA/HSPA+ networks.

It is powered by a 32-bits ARM CPU with and embedded real time operating system and web interface allowing you to connect your existing Serial or Ethernet devices to the cellular network with a very basic configuration.

Industrial featured: the router can be used in industrial applications due to its extended operating temperature range such as intelligent transportation system, smart grid, industrial automation, telemetry, finance, POS, water supply, port, weather stations and so on.




MTX-Router-Helios I 4ETH



MTX-Router-Helios I 3G/GPRS

MAIN FEATURES




-  3G connectivity
-  GSM/GPRS
-  Ethernet
-  WiFi b/g/n access point
-  ARM9 processor
-  Industrial temperature
-  USB/RS232

-  DC input: 12V (5-35 Vdc)
-  Temperature range: -35° to +75°C
-  Dimensions: 206x135x28mm/157x97x25mm
-  Weight: 790gr/440gr













Preliminary Datasheet. Subject to changes | 2017/09
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HARDWARE FEATURES

	MTX-ROUTER-HELIOS I 3G	MTX-ROUTER-HELIOS I 2G
	EUROPE: UMTS/HSPA+ 850, 1900, 2100MHz US: GSM 850, 900, 1900, 2100 MHz	WORLDWIDE: Quad-Band GSM; bands: 850, 900, 1900, 2100 MHz
	HSPA+: DL 21Mbps HSPA: DL 7.2Mbps, UL 5.7Mbps	
	GPRS Class 12; mobile station class B; PBCCH support; coding schemes CS 1-4	GPRS Class 12; mobile station class B; PBCCH support; coding schemes CS 1-4

General Features

-  DHCP server
-  NAT/IP firewall
-  Serial tunnelling
-  Multiple DDNS provider supported
-  Schedule reboot, schedule online and off-line
-  Remote firmware upgrade
-  Port forwarding, NAT, DMZ host, URL block
-  SIM application toolkit, 3GPP release 99
-  Control via web interface or CLI
-  Industrial 32bits CPU
-  Internet services: TCP, UDP, HTTP, FTP, SMTP, POP3, SNMP, TELNET, ICMP, etc.
-  DIN rail and wallmount kit included

Interfaces

-  Ethernet 10/100 ports (RJ45 connector)
 - 502300023 model: 4x ethernet ports
 - Other models: 1x ethernet ports
-  Serial port (RJ45 to DB9 adapter)
-  Internal WiFi 802.11 b/g/n optional
-  USB and RS232 ports
-  Operating LEDs
-  SIM card interface 1.8V/3V
-  SMA antenna connectors
-  DC jack power input connector
-  Reset button

Ordering Information

MTX-Router-Helios I 4ETH	502300023
MTX-Router-Helios I 3G WiFi	502300022
MTX-Router-Helios I 3G	502300021
MTX-Router-Helios I GPRS	502300020