

MTX-StarFire I

LTE/4G IoT gateway for alarm management 8x analog inputs

MTX-StarFire I is an industrial BMS off-the-shelf gateway for alarm managing with a set of interfaces. It provides easy integration and powerful interfaces. Its optimized low power consumption with a LiPo battery allows to keep running the system, including the continuous communication with Cervello, for more than 12/24 hours without any external power supply, and its 8 universal inputs, designed to work with EOLR (End of line resistors), guarantees a permanent supervision of wire installations.



MAIN FEATURES



4G
3G/2G

4G/3G



RS232



8x analog
inputs



Tamper
device



iButton



LiPo
battery



Java



Legacy
communic.



AT
commands



Remote
update



MTX-Tunnel

-  DC input: 90-264 VAC / 120-370 VDC
-  Temperature range: -30° to 70°C
-  Dimensions: 216x166x55mm
-  Weight: 1.2kg approx.

Datasheet subject to changes | 2020/05
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HARDWARE FEATURES

MTX-STARFIRE I 4G Cat.1

	LTE 5 Bands (700, 800, 900, 1800, 2100MHz), GSM/GPRS/EDGE: 2 Bands (900, 1800MHz)
	LTE Cat.1: DL 10.2Mbps, UL 5.2Mbps
	HSPA: DL 7.2Mbps, UL 5.7Mbps UMTS PS: DL 384Mbps, UL 384 Mbps, CS: DL 64Mbps, UL 64Mbps
	EDGE Class 12 data rates, DL: max. 237 kbps, UL: max. 237 kbps GPRS Class 12 data rates, DL: max. 85.6 kbps, UL: max. 85.6 kbps
	CSD data transmission up to 9.6 kbps, V.110, non-transparent
	SMS: text and PDU mode support, point-to-point MO and MT, cell broadcast

Interfaces

-  4G/3G/2G connectivity
-  1x RS232
-  SIM card interface 1.8V and 3V
-  8x analog inputs
-  1x ibutton reader
-  Power supply (220v)
-  Operating status LEDs
-  LiPo battery

Connectors

-  2x u.fl connectors
-  1x DB9 F connector: RS232
-  SIM holder
-  1x 3-way plug-in: power supply
-  8x 2-way plug-in: analog signal
-  1x 2-way plug-in: ibutton reader
-  1x 4-way plug-in: battery connector

SOFTWARE FEATURES

-  SIM application toolkit, 3GPP release 99
-  Control and TCP/IP stacks access via AT commands
-  Internet services: TCP, UDP, HTTP, FTP, SMTP, POP3
-  Compatible with Cervello Device Manager
-  Remote firmware update
-  Tampering control
-  User identification with ibutton
-  Local configuration with RS232 (optional)