MTX TERMINALS

MTX-GATEWAY-IND Terminal
Industrial Outdoor Linux Programmable terminal with GSM & RF options
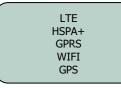
TQ Technology in Quality

Powered by TQ-Components
TQMa28 module

RoHS Compliant

Pb lead-free

ARM9 454MHz FLASH 2GB RAM 128MB EEPROM 32KB
LINUX 3.5
Java support (optional)
LTE HSPA+ GPRS WIFI GPS
Integrated SIM holder
1x RS232/RS485/RS422 2x RS232
USB OTG port
CAN 1-Wire bus I2C
GPIO 2x JS/LY Relays
Ethernet 10/100
VGA Output
GPS receiver optional
WIFI b/g/n optional
RF card for Gateway

MTX-GATEWAY-IND TERMINAL

The new IP65 enclosure MTX-GATEWAY-IND terminal is an embedded Linux terminal designed for outdoor INDUSTRIAL environment or waterproof featured applications.

The MTX-GATEWAY-IND terminal is an innovative unlimited power flexible terminal with complete set of interfaces (serial bus RS232/485, CAN, USB OTG, GPIO…) powered by an ARM9 processor module with embedded Linux. Its easy integration and powerful interfaces avoids further hardware components.

MT-GATEWAY-IND embeds an i.MX28 (TQMa28) module ARM9@454MHz RAM@128MB FLASH@2GB EEPROM@32KB with JAVA VM loaded.

Plenty of interfaces: Ethernet, USB OTG, 3 serial ports (2xRS232, 1xRS232/RS485), CAN, 1-Wire, I2C, 2x JS/LY relays and even VGA video port, it can be used in any **infinite** M2M applications.

GPS receiver and/or WIFI b/g/n (AP support) can be ordered as option.

Internal miniPCIe slot can accommodate any communication board for your needs:

- LTE & GPS
- HSPA
- WIFI
- HSPA+ & GPS
- GPRS
- GPS

RF 868MHz radio frequency optional modules such as WaveCard (Coronis -Wavenis) can be added internally to the Terminal and create a RF network. Remote IP68 units with low power RF-Wavenis are also available with sensors: temperature, I/Os, 4-2mA, 0-10V.
There are other RF optional modules like: GPS, Bluetooth, ZigBee, RF-ISM, Wireless MBUS, RFID or other external devices.

Input power is mains 90-264 VAC/7-50 VDC. External antenna with SMA connector (by default) and internal antennas can be also accommodated under request.

MTX-GATEWAY-IND is RoHs & WEEE compliant. It is manufactured with the ISO 9001 & IS0 14001 Quality certifications. A full list of antennas, cables and supplies accessories are available.

Interfaces:

- Ethernet 10/100 RJ45
- HD-Dsub15 (also available as 15 pluggable terminals 3,50 mm pitch):
  - 1x RS232/485/422 (4 wires)
  - 2x RS232 (2 wires)
  - 1x GPIO
  - CAN
  - 1-Wire
  - Vref + GND
- 12 pluggable terminals 5,00 mm pitch:
  - 2x JS/LY relays
  - 1x Latch relay
- USB OTG 2.0
- Operating status LEDs
- SIM card interface 3V, 1.8V
- VGA connector
- External antenna
- SMA F 50 Ohm antenna connector
- Optional Internal 5 bands 2.5dB antenna by request

General Features:

- Supply voltaje range:
  - AC input: 230 VAC
  - DC input: 24V (7-50 VDC)
- Temperature range:
  - Operation: -40ºC to +85ºC
- Dimensions (Excluding connectors or cable glands):
  - 200x120x77 mm
- Weight: < 500g

Internal modules:

- ARM9 processor with 128MB DDR2 RAM and 2GB eMMC Flash
- MiniPCIe Card socket
- RF module socket
- Optional
  - Wifi b/g/n module
  - GPS module

www.mtx-terminals.com
The information contained here is for information purposes only. Subject to changes without notice.

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