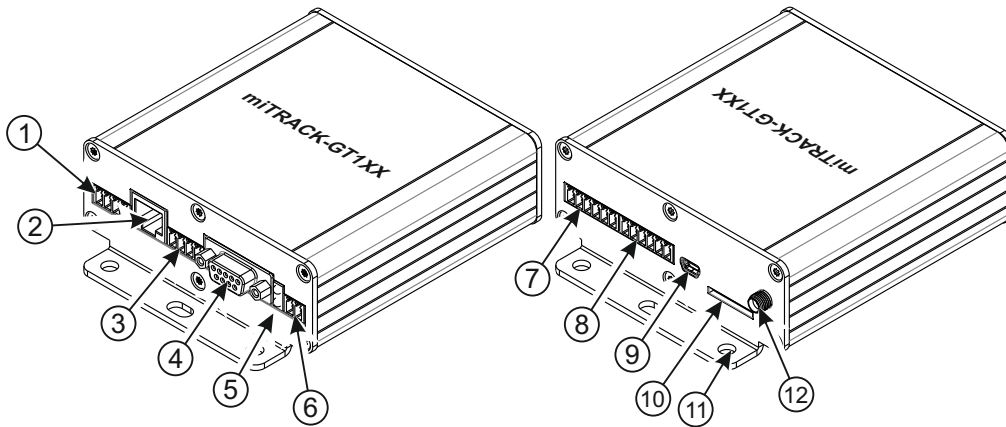


miTRACK-GT100 Series Advanced Telemetry Terminal



Key Features

miTRACK-GT1XX is a GSM/GPRS/Ethernet control terminal with a compact enclosure that encapsulates everything needed for wired and/or wireless M2M capability. Quad-band design allows for applications to be deployed worldwide.

The GT1XX series breaks through the barriers of M2M connectivity by minimizing investment and reducing total system costs.

The GT1XX series contains all circuitry required to operate on the GSM and/or Ethernet network including external SIM card input. External antenna connection enables the system integrator to meet application specific antenna mounting requirements.

The GT1XX series allows for stand-alone use via industry standard interconnects or system integration via standard 3.81 mm terminal plugs, further reducing the need for additional hardware costs.

The GT1XX adopts high-powered industrial 32 bits CPU and embedded real time operating system. It supports RS232 and RS485 port that can conveniently and transparently connect one device to a cellular network, allowing you to connect to your existing serial devices with only basic configuration.

The GT1XX's ability to configure 12 GPIO as 6x opto-isolated input and 6x open collector output makes the terminal both innovative and cost effective. The ease of application development and optional GPS integration also opens the door for further system cost reduction.

Adaptable and easy to use, the GT1XX is ideal for use in M2M Telemetry and Telematic applications including fleet and asset management, vending, security, alarm monitoring, e-maintenance and other telemetry applications. The terminal can also be used in factory automation, environmental monitoring and remote device management for M2M industry. Meanwhile, it is supplied with simple and user friendly PC Configurator to configuration, easy to installation.

The GT1XX also supports Modbus RTU that is special for transparent transferring data or under Modbus RTU Protocol transferring between RS485 port and internet over GPRS/Ethernet network.

Versions of the GT1XX are available as an open frame module. Please refer to page XX of the GT1 datasheet for open frame design considerations.

Applications

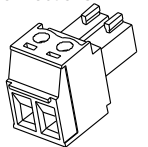
- Remote Monitoring Systems
- Vending Machines
- ATM & POS Terminals
- Remote Meter Reading
- Control / Server Room Monitoring
- Meteorological Monitoring
- Devices with RS232/RS485 port of the PLC, RTU wireless data transmission.
- Security Systems
- Access Control
- Telematics
- Devices with RS232/USB port with standard modem PPP connection

Terminal Ports

- ① Relays Out
- ② Ethernet
- ③ RS485
- ④ RS232
- ⑤ Status LEDs
- ⑥ Power Input
- ⑦ Digital Inputs
- ⑧ Digital Outputs
- ⑨ USB Port
- ⑩ SIM Card In
- ⑪ Mounting Holes
- ⑫ GSM Antenna

Connectors & Receptacles

Relays, Inputs/Outputs, RS485 Connections
3.81mm Terminal Block Plug
Molex Part Nr. 39510
Cable AWG 16, 18, 20, 22, 24



Models & Ordering

GT100	Ethernet + GSM Terminal
GT101	Ethernet Only
GT102	GSM Only
GT103	GSM + RS232 Modem

