



MLB-G4202

Ethernet to LTE Terminal

[➔ DATASHEET](#)





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Ethernet to LTE Terminal

MLB-G4202 is a LTE terminal designed for 10/100M Ethernet communication over TCP/IP via any readily available 3G/4G carrier networks. Overall, it is more cost and time effective to establish communications between machine to machine over diverse locations.

MLB-G4202 terminal uses RJ45 connector as communication interface and the DC jack and terminal block as power input. The LEDs are used to indicate the status of the terminal.

MLB-G4202 terminal can be used to provide wireless communications to link with many applications, including IP surveillance, vending, security and alarm monitor, e-maintenance and telemetry monitor.

2 Ethernet
Ports

-40 ~ +75°C

Industrial
Design

Features

- Supports 3G and 4G global networks
- -40 ~ +75°C wide temperature in harsh environments
- M CCP/MCCU support
- 15 KV ESD protection
- NAT/Port forwarding
- Even Trigger by GPRS/IO/Reboot/Relay
- SMS control
- CE/FCC certification

General Features

Frequency Range	LTE - 2100/1800/2600/900/800 MHz UMTS/HSPA - 2100/1900/850/800/900 MHz
WCMDA	2100MHz, 1900MHz, 900MHz, 850MHz
Protocol Stack	TCP/IP, UDP, HTTP, HTTPS, FTP, ICMP, DHCP, DDNS, ARP, SNMP, Telnet
Power Supply Input	9~48VDC
Power Consumption	270mA @ Working Mode
Humidity	5~95% (non-condensing)
Operating Temperature	-40~+75°C
Switch Off Protection	+90°C
Dimension (L) x (W) x (H)	121x88x48mm (excluding connectors)
Weight	425g (without antenna)
Casing Material	Metal

Data Transmission

Peak Download Rate	100 Mbps
Peak Upload Rate	50 Mbps
Operating mode	Transparent TCP server/TCP client/UDP SMS/AT command

Relay	1 output with current carrying capacity of 1 A @ 40VDC
Digital Inputs	2 electrically isolated inputs: +13~+30V for state "1" (on) +3~-30V for state "0" (off)
ESD Protection	15 KV
NAT	Yes
Port Forwarding	Yes
IPSec	Yes
Open VPN	Yes
Event Trigger	GPRS/Reboot/IO/Relay
MCCP/MCCU	Yes API: MLiS Cellular Control Protocol (MCCP) Utility: MLiS Cellular Configuration Utility (MCCU)

Interfaces

RF Antenna Socket	50 Ohm SMA
Power Connector	DC jack connector/Terminal block
SIM Card Num	2
SIM Card Slot	Flip-up type
Ethernet Interface	2 x RJ45 connector for 10/100M
Serial Interface	DB9 connector (male)
LED	8 x Working Status Indicator 3 x Network Status Indicator
Reset	HW reset

Approval

Certification	EMC EN55022/24 FCC Part 15B EMS IEC61000-4-2 IEC61000-4-3 IEC61000-4-4 IEC61000-4-5 IEC61000-4-6 RF EN301908-1 Safety EN60950-1 NCC
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