

MLB-G3001/G3002



- ✓ **Industrial Grade USB Modem**
- ✓ **M2M Serial/USB Modem**
- ✓ **Quad Band GSM/GPRS (G3001)**
- ✓ **Dual Band 3G (G3002)**
- ✓ **Built-in TCP/IP Stack**
- ✓ **Multifunction LED**
- ✓ **Rich GPIO**
- ✓ **Java Enabled (Programable J2ME)**
- ✓ **Certification CE, Postel**
- ✓ **Supported with Smart PSU v.6**

Product Overview

Modem MLB-G3001/G3002 merupakan modem *low cost* yang cocok digunakan untuk beragam kebutuhan komunikasi *wireless*. Dilengkapi dengan *interface RS232, Mini USB, dan I/O port*, sehingga sangat cocok untuk aplikasi seperti M2M dan lainnya.

Support For

MLB-G3001/G3002 dapat digunakan untuk berbagai macam kebutuhan komunikasi *wireless*, diantaranya :

- Aplikasi metering (AMR, dll)
- Aplikasi penjualan (*vending machine*, dll)
- Aplikasi keamanan dan monitoring alarm
- Aplikasi e-maintenance dan aplikasi telemetri lainnya

Special Application Feature

- Cek info BTS
- Cek history sinyal
- Auto reset watchdog
- Update OTA

Product Specification

General Features		
Frequency Range	MLB-G3001	GSM/GPRS : Quad Band GSM 850/900/1800/1900 MHz
	MLB-G3002	EU GSM/GSM/GPRS/EDGE : 900/1800 MHz and UMTS/HSPA+ : 900/2100 MHz
		US GSM/GSM/GPRS/EDGE : 850/1900 MHz and UMTS/HSPA+ : 850/1900 MHz
Command Sets	Hayes 3GPP TS 27.007, TS 27.005	
Protocol Stack	TCP / UDP / HTTP / FTP / SMTP	
Memori	RAM 10MB, ROM 8MB	
Power Supply Input	+5 to 32 VDC	
Power Consumption	Sleep Mode : 13mA typ.	
	GPRS Class 12 : 580mA typ.	
Relative Humidity	90% max	
Operating Temperature	-30°C to +85°C	
Swich Off Protection	+80°C	
Dimension	± 90 x 70 x 20 mm (excluding connectors)	
Weight	90 g	
Casing Material	Plastic ABS (aluminium optional)	

Data Transmission	
GPRS (G3001/G3002)	Multi-slot Class 12 (quad band), Mobile Station Class B
	Downlink and Uplink 85.6kbps max
EDGE (G3002 Only)	Multi-slot Class 12
CSD	9.6kbps, non transparent, V110
SMS	MT, MO, Cell Broadcast, Text, and PDU mode
Character Framing	7E1 and 8E1 (Serial Interface)

Special Features	
Hardware Watchdog	Yes
I/O Pin Reserved	13
Internal Engine	Built-In Java Profile IMP-NG
Over The Air Update (OTAP)	Application Software (OTAP)
	Firmware : FOTA

Interfaces	
RF Antena Socket	50ohm SMA Antenna Female
Power Connection	DC Jack Connector
Sim Card Slot	Push - push type
Serial Interface	RJ 45 connector for RS-232 (Female)
LED	1 x for power and, 1 x for Network Status Indicator
USB	USB 2.0 Full Speed (12 Mbit/s)

Approvals	
CE	Yes
Postel	Yes



Antenna



Power Supply



Kabel Data

Distributed By:

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