



Features

CM-1011Q is 3G/4G cellular modem for data /networking communication over internet by remote control system.

- Support Thailand version
- Voltage Input 5V~24V
- 3GPP E-UTRA Release 11
- Enhanced AT Commands
- Signal strength and Status indicators (LED)
- Control via AT commands
- SIM card (1.8V/3V interface)
- RS-232 with RJ45 Interface
- 1 SMA External antenna connector
- 1 SMA External GPS connector
- Industrial grade components
- Dust-proof type
- GPS build-in
- Battery Backup/Power Management (Option)
- Connector for Primary ,Rx-diversity

Specifications

Network System

LTE-FDD	B1/B3/B5/B7/B8/B20
LTE-TDD	B40
WCDMA	B1/B2/B5/B8
GSM/EDGE	B2/B3/B5/B8

Serial Interface

UART	2 UART
USB	1 Port USB 2.0 with High Speed
SIM Card	1 SIM 1.8V /3.0V (U)
Serial	RS-232 with RJ45 Interface

Software

Work Mode	Transparent Transmission
Protocol	TCP/IP/IPv4/IPv6/UDP/FTP/FTPS/ HTTP/ HTTPS/DNS
AT Command	Serial Port/Network

Antenna

GPS Antenna	1575.42MHz±1.023MHz SMA Connector
GSM 3G/4G	600-2700MHz 50 Ohm Gain 7 dBi Antenna SMA Connector
V.S.W.R	≤2

Data Transfer

LTE-FDD	Max 10Mbps/ 5Mbps
LTE-TDD	Max 8.96Mbs/3.1Mbps
DC-HSPA	Max 42Mbps/5.76Mbps
WCDMA	Max 384Kbps / 384Kbps
EDGE	Max 296Kbps/ 236.8Kbps
GPRS	Max 107Kbps/ 85.6Kbps

Power

Input	DC 5.5 - 24V (not more than 8W)
Battery	3.6V 300mA (Option)

Environment

Temperature	-40°C ~ +85°C Operating
Humidity	5 to 95% RH Operating

More

Certificate	EMI Standard Class B
Mounting	Wall Mount