EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.



QUECTEL

Wireless Module Expert

M72

Dual-Band GSM/GPRS Module



- Dual Band
- GPRS Multi-slot Class 12
- SMD Type
- Embedded TCP/IP Protocol
- RoHS Compliant
- Serial Port Multiplexer (GSM0710)
- Quectel Enhanced AT Commands

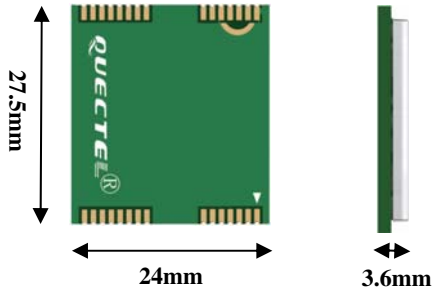
The M72 packs a dual-band GSM/GPRS module with TCP/IP connectivity supporting GPRS Class 12 data transmission into a very small form factor. Featuring SMD type, full shielding, extremely low power consumption and small size, it brings the benefits of utmost flexibility and robustness to customer's application.

Equipped with industry-standard interface, the M72 is your all-rounder of choice for VTS, Smart Metering, Wireless POS, Security, and many other M2M applications.

- Dual-band GSM/GPRS module
- Very small size 27.5mmx24mmx3.6mm
- SMD for easy SMT production
- Support Data and SMS service

M72

Dual-Band GSM/GPRS Module



General Features

Dual-Band	900/1800 MHz
GPRS Multi-slot Class	12/10/8
GPRS Mobile Station	Class B
Compliant to GSM Phase 2/2+	Class 4 (2W @900 MHz) Class 1 (1W @1800 MHz)
Supply Voltage Range	3.4~4.5 V 4.0V nominal
Low Power Consumption	1.1mA @ DRX=5 0.7mA @ DRX=9
Operation Temperature	-40 °C to +80 °C
Dimensions	27.5mm×24mm×3.6mm
Weight	Approx 4.5g

Control via AT commands (GSM 07.07, 07.05 and other enhanced AT Commands)

Specifications for Data

GPRS Class 12	max. 85.6 kbps (uplink & downlink)
PBCCH Support	
Coding Schemes	CS 1, 2, 3, 4
CSD	up to 14.4 kbps
USSD	
Non Transparent Mode	
Protocols	PPP TCP UDP FTP

Specifications for SMS via GSM / GPRS

Point-to-point MO and MT
SMS Cell Broadcast
Text and PDU Mode

Interfaces

External SIM	3V/ 1.8V
RTC Backup	
Serial Port and Debug Port	
Antenna Pad	

Contact Us

Address Room 501, Building 13#, No.99 Tianzhou Road, Shanghai, China

Email info@quectel.com

Tel +86 21 54453668

