QT-501

GSM/GPRS Intelligent Modem

Salient Features

- High Performance and low cost
- RS232 and RS485 ports for data acquisition
- Supports TCP/IP, HTTP and FTP protocols
- Supports Standard and extended AT Commands
- Supports MQTT protocol for M2M communications
- Customisable firmware
- High reliability and Low power consumption

Hardware Specifications

- GSM 850/900/1800/1900MHz
- One RS232 Port (USB Port Optional)
- Additional RS485/RS232 Port(Optional)
- 9-30V DC input
- Sleep mode for low power consumption
- ABS Plastic Enclosure
- Operating Temperature：-40 ~ +85c

Firmware features

- Supports AT Commands or customised application firmware
- Firmware customisation based on project requirements
- Supports standard protocols like MODBUS or proprietary protocols on RS232/RS485 ports
- Server Communication using protocols like TCP,HTTP or FTP
- Can support MQTT protocol for M2M applications
- Communication of data to server on specific events or on configured intervals
- Storing and forwarding of data in case of communication failures
- Configuration via serial port or remotely by SMS or commands from Server
- Low power mode for power saving

Applications

- Data acquisition from one or more remote MODBUS Client devices
- Simple AT Command Modem Applications
- Serial to MQTT Publish/Subscribe Applications
- Serial to HTTP/FTP/TCP server communication

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