

# QT-606 GSM/GPRS Remote Monitoring Terminal

## Salient Features

- Analog inputs for instantaneous monitoring
- Pulse counters, Digital Inputs and Digital outputs
- RS232 and RS485 ports for data acquisition
- Support TCP/IP, HTTP and FTP protocols for data communication
- Supports MQTT protocol for M2M communications
- Customizable firmware
- High reliability and Low power consumption



## Hardware Specifications

- Four Analog Inputs, Configurable as 4-20mA or 0-10V
- Two Pulse inputs, 5 GPIOs configurable as Digital inputs or Digital Outputs
- One RS232/TTL UART , One RS485/TTL UART(Optional)
- 12-24V DC input power
- Sleep mode for low power consumption
- Din Rail mountable enclosure
- GSM 850/900/1800/1900MHz
- Operating Temperature : -40 ~ +85c

## Firmware features

- Customizable firmware based on project requirements
- Continuous monitoring of pulse inputs and maintaining counters.
- Continuous monitoring of analog inputs and Digital Inputs and generation of alerts
- Log up to 15,000 records
- Server Communication using protocols like TCP,HTTP or FTP
- Can support MQTT protocol for M2M applications
- Communication of data to server based on specific events or on configured intervals
- Storing and forwarding of data in case of communication failures
- Programmable automation of DO operations by giving simple conditions for time, week day, DI status etc...
- Operation of Digital output via SMS commands or commands from server
- Supports standard protocols like MODBUS or proprietary protocols on RS232/RS485 ports
- Configuration of parameters via serial port or remotely by SMS or from the Server
- Low power mode for power saving
- Over the air updating of firmware

## Applications

- Remote Monitoring and Data acquisition from flow meters
- Data acquisition from remote devices one or more remote MODBUS Clients
- Remote automation and control

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