

QT602

Low Cost GSM/GPRS Terminal for Remote Data Acquisition, Monitoring and Control.

Salient Features

- Digital Inputs for remote monitoring
- Digital outputs for remote controls
- RS232 and RS485 ports for data acquisition
- Supports protocols like HTTP, TCP/IP, UDP or FTP for data communication to the server
- Supports MQTT protocol
- Customizable firmware
- Programmable automation logic for digital outputs
- Built in RTC
- Low cost

Hardware Specifications

- * GSM 850 / 900 / 1800 / 1900MHz GPRS Class 10
- * Multi-slot class 10 (4 Down; 2 Up; max.5) Max BR Download 85.6 Kbps Coding Scheme CS1-CS4
- * Ultra Low Consumption
- * Operating Temperature: -40 ~ +85°C
- * Sensitivity: -109dBm (850 / 900MHz), -108dBm (1800 / 1900MHz)
- * 8 Digital Inputs
- * 2 Digital Outputs
- * 1 Rs232 / TTL UART
- * 1 Rs485 / TTL UART
- * 9-24V DC input power
- * Sleep mode for low power consumption

Firmware features

- Customizable firmware based on project requirements
- Communication of data to server on specific events or on configured intervals
- Storing and forwarding of data in case of communication failures
- Supports protocols like HTTP, TCP / IP, UDP or FTP for data communication to the server
- Support MQTT protocol for communicating with MQTT broker/server
- Programmable automation of DO operations by giving simple conditions for time, week day, DI status etc. . .
- Operation of Digital outputs via SMS commands or commands from server
- Generation of events on change of DI or DO and sending alerts to Server or SMS alerts to configured group of numbers.
- Provision for implementing protocols like Modbus, DLMS or any other proprietary protocol and acquire data from one or more devices connected to RS232 or RS485 ports
- Facility to store mobile numbers in different groups for authorization and SMS alerts
- Configuration of parameters via serial port or remotely by SMS or from the Server
- Facility to go on low power mode when there is no communication and automatic wakeup on incoming communication, serial events or DI events
- Watchdog timer
- Over the air updation of firmware

Applications

- Remote monitoring application
- Automation and Remote operation of pumps, valves etc
- Data acquisition from remote devices on Modbus protocols
- Automatic Meter reading



Dealer Stamp:



Manufactured by

Bangalore – 560 022.
Email. info@qinntech.com
www.qinntech.com