BQT IP Door Controller

8-Output Module Card

2nd Door Expansion Card

8 zone Alarm Inputs Card
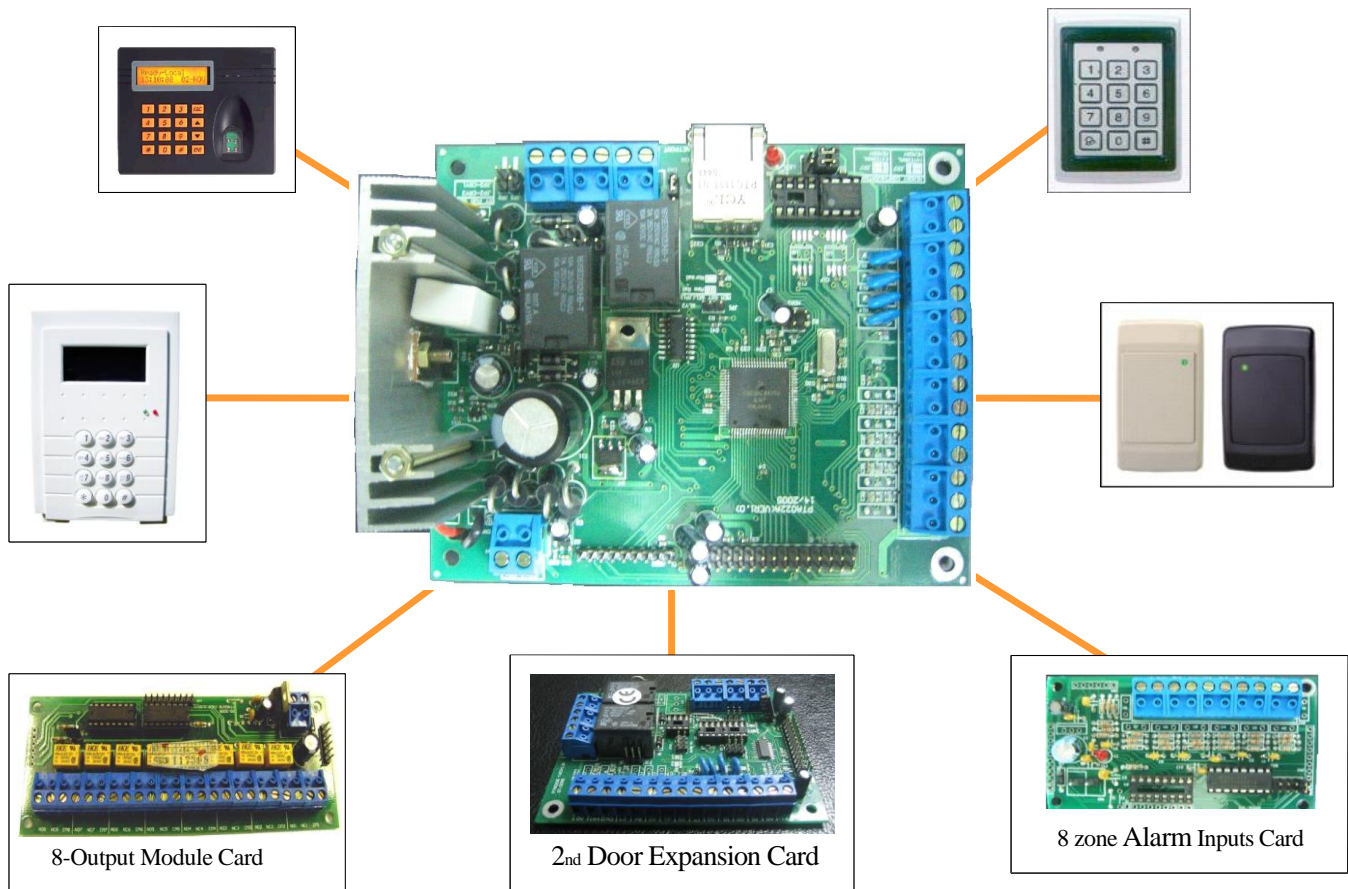
BQT IP door controller is designed for access control of doors, intrusion alarm monitoring, time attendance, lift access, vehicle boom gate and other building facilities. It is capable of controlling a single door or 2 doors by connecting to a central computer using Lite or Premium software, a real TCP/IP based Access Control Management and Alarm Monitoring Software and with remote control up to 250 units which are networked together.

Innovative modular fashion in designed, BQT controller allows you to upgrade your system anytime from 1 to 10,000 doors by connecting to server via TCP/IP Local Area Network configuration. This modular, cost-efficient upgrade strategy ensures that you can always keep pace with your emerging security requirements while meeting your on-going budgetary objectives. Its wide capabilities make it suitable for even the largest, most complex building architectures and the most demanding security requirements.

This IP controller provides direct communication through TCP/IP network. Each controller will consist of its own IP address. Communication speed as compare to RS-485 is faster (100 Mbit/s).

Main Features

Advanced Design - uses the latest state-of-the-art flash memory technology which allows firmware upgrade. Essential equipment settings, card database and transaction database are stored in EEPROM, so that there is no loss of data during power outage.

Multiple Entry Access Mode - 3 different entry access modes that you can set to adjust to your security requirements: Card only, PIN only and Card & PIN only. This means a door can be programmed to operate on different entry access mode at either same or different time for each day of the week, including weekends and holidays.

Use of Single Card to Perform Multiple Functions - the prowess of the door controller is in its ability to allow a single card to perform multiple functions through software control.

Specifications for BQT IP Controller

- MCU : Motorola/ Freescale 16-bit CPU Running at 25Mhz
- Memory : 64KB FlashROM, 8KB RAM, 32KB EEPROM
- Watchdog : 1 Internal
- Operating Temperature: 0^0C to 60^0C
- Humidity Range: 0-95% non-condensing
- Protocol Support: TCP, IP, UDP, DHCP, ICMP, and ARP
- Network Interface : TCP/IP, LAN, WAN
- Communication Interface : Onboard Ethernet Port (TCP/IP) 10/100BaseT
- Relay Output : 10A (1 Form C- can configured to NC or NO)
- Power Supply : 14VAC input, 13.8V output, 1.5 ~ 3.0A output
- Current Consumption : 200-300mA (without the EM Lock / 1.5A max
- Dimensions : 50mm(H) x 152mm(W) x 127mm(D)
- Configurable : 1-door or 2-door (with expansion   board) and alarm monitoring
- Supervised Input :2 Supervised input (Onboard)
- Digital Input : 3 Input
- Output : 2 Relay Output (Onboard), 3 Open-Collector Power Output (100mA - Onboard)
- Large Memory : Stores up to 100,000 user cards and 50,000 transactions
- Power Fault Detection: Loss of AC Power and battery voltage low
- PIN only, Card only, and Card Plus PIN Operation Modes
- Lock-out of a card when its PIN is wrongly entered repeatedly
- Stored Event :2,000 upgrade to 50,000
- Stored Card Holder : 1,000 upgrade to 100,000

Authorised Distributor

Other Related Products:

- 2nd Door Expansion	- Lift Controller
- 8 Output Expansion Card	- Car park Controller
- 8 Inputs Expansion Card	- IP Software
- Readers - Proximity, Pin, Fingerprint	