

## On-Board Ethernet ready access control panel

# BQT IP

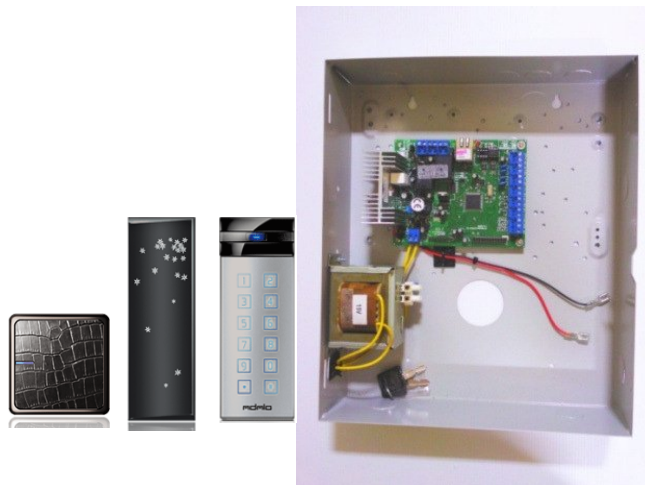
Your True IP Based  
Card Access System

### KEY FEATURES

- Embedded Ethernet Ready
- Peer to Peer Technology
- Real Time Reporting
- Global Anti-Pass back without SERVER
- Visitor Management System
- Lift Control
- Alarm Monitoring
- Car Park Barrier Control
- Virtually Unlimited of Doors
- Card Tracking Feature via CCTV
- Facial Verification
- Built-in Time Attendance Reports
- Support up to 100K Users
- Support up to 50K Events
- Video Integration
- Dry relay contact trigger fire alarm panel
- Power failure monitoring
- 7 Levels of Power and lightning protection

### BENEFITS

- Cost Effective
- Scalable
- Flexibility
- Ease of Installation
- Reliability



### SYSTEM OVERVIEW

#### **IP Access Control – harnessing the power of IP Technology to provide a scalable and flexible integrated security solution with its unrivalled benefits**

The IP access control system is a leading Technology in True IP Technology access control product that provides highly advanced security management solutions.

With the versatile BQTWeb, a client /Server Integrated Management software, it incorporates a host of advanced features like Lift control, Alarm and Intrusion Monitoring, Facial recognition and verification, Card Tracking, visitor management and Time Attendance that can meet any need from a small enterprise to a multi site facility, locally or globally, with tens of thousands of users.

It provides benefits such as real time monitoring that you can access with details from anywhere like who, where, and when an event takes place. Plus its powerful CCTV integration with the industry leader Milestone IP Management Software, it provides a complete video and access control solution that is unmatched in the security industry.

End users can leverage on their existing IP infrastructure, which helps reduce cost of wiring required for new hardware installations. Similarly, for the PoE compliant IP Access model, it also allows security and IT departments to run a single CAT-5/6 cable to the door for both power and communication.

IP Access control system allows an enterprise to grow their system from one door at a time to many hundreds of access points, all over an IP network. IP Access control products can provide solution to meet even the most complex needs. Highly regarded as the product of the future, it can be customized to specifically fit the needs of each individual customer, ensuring a powerful, highly tailored level of protection that simply cannot be matched in the industry.

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## WEB

Access Management Software



### Transaction Viewer

#	Date & Time	Unit No	Door	Card No	Name	Transaction
	2008/12/26 12:42:51	0053	2nd1	3000316478	IDWAN	Valid Exit Access
	2008/12/26 09:24:58	0018	OFFICE DOOR	FFFFFFFF		Door Closed
	2008/12/26 09:24:54	0018	OFFICE DOOR	FFFFFFFF		Door Left Open
	2008/12/26 09:24:49	0018	OFFICE DOOR	3000314847	Shereen	Valid Exit Access
	2008/12/26 09:23:22	0028	LIFT	-0000000001		Battery Low
	2008/12/26 09:23:03	0049	LCD	3228227510		Valid Entry Access
	2008/12/26 09:23:01	0049	LCD	3228227510		Valid Entry Access
	2008/12/26 09:16:35	0004	Gnd Floor Door	-0000000001		Pulse Door Open
	2008/12/26 09:12:38			-0000000001		Battery Low
	2008/12/26 09:12:38	0009	BESIDE TEE	-0000000001		Battery Low
	2008/12/26 09:05:34	0054	2nd2	3000316478	IDWAN	Valid Entry Access
	2008/12/26 09:05:33	0053	2nd1	3000316478	IDWAN	Valid Entry Access
	2008/12/26 09:05:32	0053	2nd1	3000316478	IDWAN	Valid Exit Access
	2008/12/26 09:05:27	0028	LIFT	3000316478	IDWAN	Unknown Card
	2008/12/26 09:00:10	0004	Gnd Floor Door	-0000000001		Pulse Door Open
	2008/12/26 08:59:40	0004	Gnd Floor Door	-0000000001		Pulse Door Open
	2008/12/26 08:55:24	0054	2nd2	-0000000001		Battery Low
	2008/12/26 08:55:24	0053	2nd1	-0000000001		Battery Low
	2008/12/26 08:52:23	0028	LIFT	-0000000001		Battery Low
	2008/12/26 08:45:56	0018	OFFICE DOOR	FFFFFFFF		Door Closed

[Live Transactions View](#)

### Ideal for Enterprise and Global Company

WEB is your true solution that completely scalable and let you increase security needs without worry.

### Card Tracking via CCTV

The system allows you to integrate with CCTV to track your Visitor last location, LIVE view or Playback.

### Alarm – Video Integration

Upon alarm triggered, a LIVE video window will pop up to alert the security personnel. Surveillance has become a much easier job with this feature added on.

### Facial Verification

Security Personnel can now easily verify the card holder facial versus the LIVE video feedback, a more stringent security level than before.

### Global Anti-Pass-back

Powerful global anti-pass-back works seamlessly even without SERVER to be online.

### Dual Alarm Disarm Method

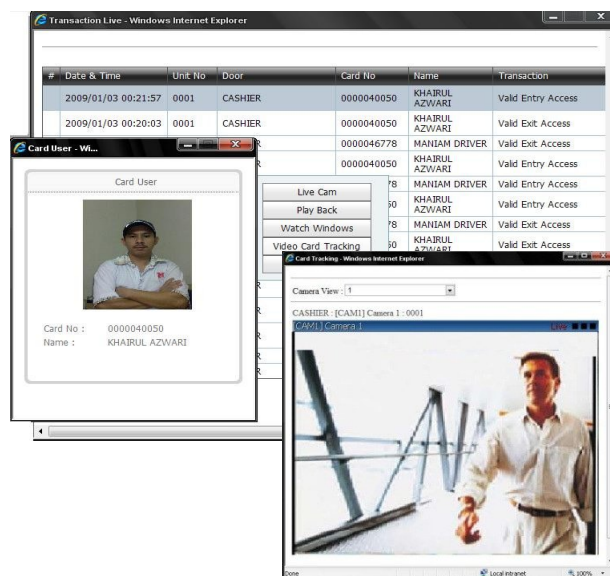
The alarm module will definitely put you at ease with its dual disarm method. With the dual disarm feature, the system will require an alarm card holder to flash card at the reader and key in PIN for disarm.

### User Define Events Color Display

Users are allow to change the color of event display on Live Transaction display.

### FEATURES:

- Multiple Sites monitoring
- Card Access Control Software
- Time Attendance Reports
- Real Time Intrusion Alarm Monitoring
- CCTV Integration via Milestone
- Facial Verification
- Card Tracking via CCTV
- Visitor Management
- Guard Tour
- Interlocking
- Duress
- Floor Plan
- Power failure monitoring



Card Tracking Feature

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## WEB

Access Management Software



### Lift Access Setting

**Lift Access Detail**

Lift Access No:

Description:

Interval 1	Interval 2	Interval 3
From: <input type="text" value="1"/>	From: <input type="text" value="0"/>	From: <input type="text" value="0"/>
To: <input type="text" value="1"/>	To: <input type="text" value="0"/>	To: <input type="text" value="0"/>

### Card User Detail

**Card Detail**



Card No:

Name:

Card Pin No:

Access Level:

Lift Access:

Alarm Card: ☒ Yes

### Lift Access Zone

Lift Access Setting has never been so easy to configure. A simple lift setting menu with 3 Interval for more flexibility.

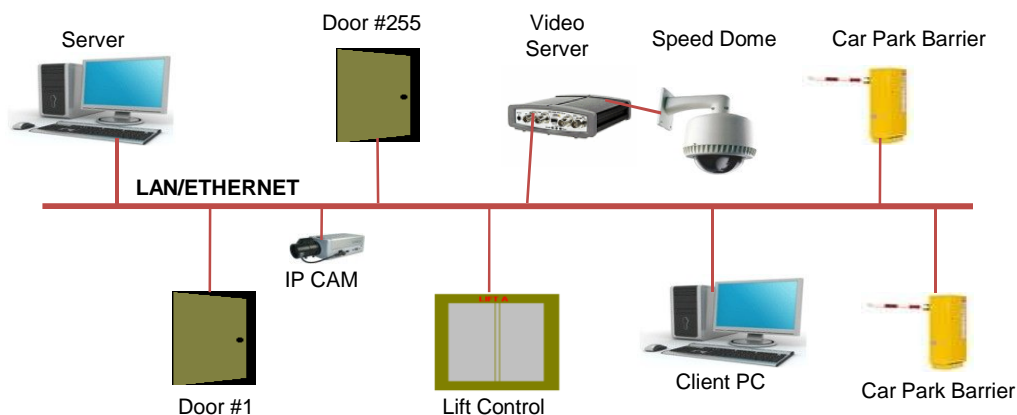
## WEB SERVER Recommended Minimum Requirements

### PER SERVER INFORMATION

Number of IP Controller	256
Number of Reader Supported	512/1024
Number of Inputs	8000
Number of outputs	15000
Number of Remote Client	5
Number of card holder	100K
Support Multi Card Format	YES

### SERVER REQUIREMENT

CPU	Pentium 4 or Higher, 3.0GHz
Free Hard Disk Space	512GB
RAM Memory	1GB or higher
Monitor	17" SVGA
Video Adapter	Ati 125MB VRAM or higher
Network adapter	10/100 Base-T
Operating System	Microsoft XP, Vista, Server 2003



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## Technical Specifications:

MODEL	FIP-1	FIP-1EXP	FIP-2	FIP-Lift	FIP-Alarm	FIP-CPB
Product Type	Single Door Controller	2 Doors with Expansion	2 Doors Controller	Lift Controller	Alarm Controller	Car Park Controller
Embedded Ethernet Port	YES, Static					
Network Speed	10/100Mbps					
No. of Door	1	2	2	NIL	1	NIL
No. of Reader Supported	1 ENTRY / 1 EXIT	2 ENTRY / 2 EXIT	2 ENTRY / 2 EXIT	1 ENTRY	1 ENTRY / 1 EXIT	1 ENTRY / 1 EXIT
Card Holder	1K default, support up to 100K (Optional upgrade)					
Events	2K default, support up to 50K (Optional upgrade)					
Time Set	99 (3 set with Interval)					
Time Zone	99					
Access Level	99					
Global APB w/o Server	YES			No	No	Yes
I/O Onboard - Main PCB	2IN/1OUT	4IN/2OUT	4IN/2OUT	2IN/1OUT	2IN/1OUT	4IN/2OUT
Alarm Inputs	NIL	NIL	NIL	NIL	** 8 INPUTS	NIL
Lift Relay Outputs	NIL	NIL	NIL	*8 OUTPUTS	NIL	NIL
Interlocking (upon request)	YES	YES	YES	NIL	NIL	NIL
Duress (upon request)	YES	YES	YES	NIL	NIL	NIL
Access Mode	PIN (10 sets only), Card, Card + PIN, Fingerprint					
Reader Technology	Wiegand 26, 34, 42bits/MiFare 26,34,42bits/Ezylink and CEPAS					
Additional PSU required	NO	YES	NO	YES	YES	NO
ELECTRICAL INFORMATION:						
Power Input	230VAC, 1.0A, 50Hz					
Power Output	12Vdc, 2.5A (maximum)					
Relay Output	250VAC, 7A (NC), 10A(NO)					
Battery Charger	YES, Built-In					
Regulatory	CE Approved					

### NOTE:

\* FIP-Lift: 8 outputs per board, maximum up to 64 outputs per controller

\*\* FIP-Alarm: 8 inputs per board, maximum up to 32 inputs per controller

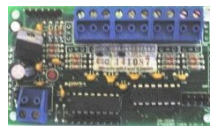
\*\*\* FIP-1EXP: 2<sup>nd</sup> daughter board required to expand to 2 door controller



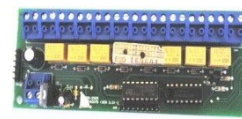
FIP- Main PCB



EXP PCB



Inputs PCB



Output s PCB