

Falco IP

Falco IP Access Control

Harnessing the power of IP technology to provide a scalable and flexible integrated security solution with its unrivalled benefits.

The Falco IP access control system is a leading Technology in True IP Technology access control product that provide highly advanced security management solution.

With the versatile Falco Vault, a web-based client / server Integrated Management software, it incorporates a host of advanced features like Lift Control, Alarm and intrusion Monitoring, Facial Recognition, Verification Card Tracking, Visitor Management, 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. End users can leverage on their existing IP infrastructure, which helps reduce costs of wiring required of new hardware installations. Similarly, for the PoE Access model, it also allows security and IT compliant Falco IP PoE Access model, it also allows security and IT departments to run a single CAT-5/6 cable to the door for both power and communications.

Falco 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. Falco IP Access control products can provide solution to meet even the most complex needs. It can be customized to specifically fit the needs of each individual customer, ensuring powerful, highly tailored level of protection



KEY FEATURES

- Embedded Ethernet Ready
- Peer to Peer Technology
- Real Time Reporting
- Global Anti-Paaa 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-Tiime 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 lighting protection

BENEFITS

- Cost Effective
- Scalable
- Flexibility
- Ease of installation
- Rellability

Falco Web

Access Management software



Transaction Viewer

#	Date & Time	Unit No	Door	Card No	Name	Transaction
	2008/12/26 12:42:51	0053	2ndL	3000116478	IDIWAN	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	3000114947	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	Grnd 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	3000116478	IDIWAN	Valid Entry Access
	2008/12/26 09:05:33	0053	2ndL	3000116478	IDIWAN	Valid Entry Access
	2008/12/26 09:05:32	0053	2ndL	3000116478	IDIWAN	Valid Exit Access
	2008/12/26 09:05:27	0028	LIFT	3000116478	IDIWAN	Unknown Card
	2008/12/26 09:00:10	0004	Grnd Floor Door	-0000000001		Pulse Door Open
	2008/12/26 08:59:40	0004	Grnd Floor Door	-0000000001		Pulse Door Open
	2008/12/26 08:55:24	0054	2nd2	-0000000001		Battery Low
	2008/12/26 08:55:24	0053	2ndL	-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

IDEAL FOR ENTERPRISE AND GLOBAL COMPANY

FALCO WEB is your true solution that is 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 seem easily even without SERVER to be online

DUAL ALARM DISARM METHOD

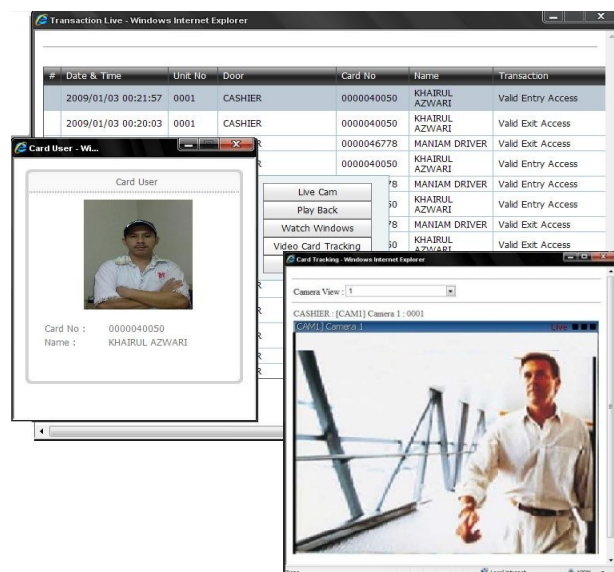
The alarm module will definitely put at ease with its dual disarm method. With the dual disarm feature, the system will require an alarm card holder to flash card at the reader and key in PIN for disarm.

USER DEFINE EVENTS COLOR DISPLAY

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

FEATURES

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



Card Tracking Feature

Lift Access Setting

Lift Access Detail

Lift Access No:

Description:

Interval 1	Interval 2	Interval 3
From: 1	From: 0	From: 0
To: 1	To: 0	To: 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

Falco Web server

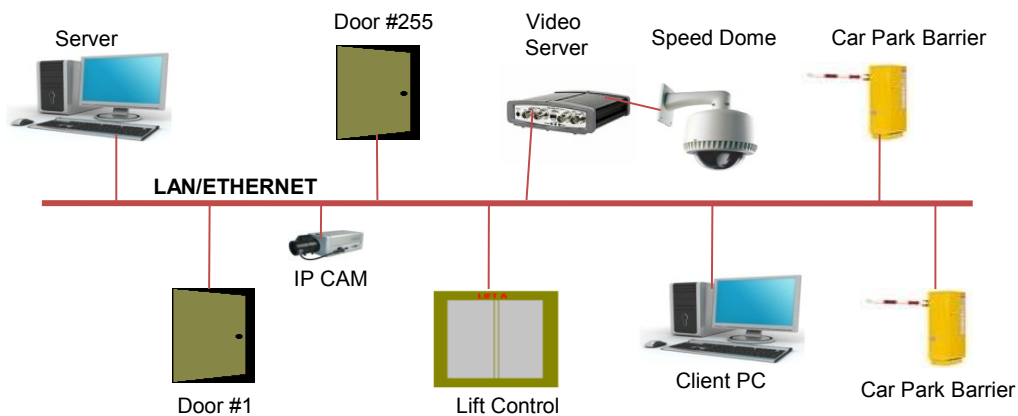
Recommended Minimum Requirements

PER SERVER INFORMATION

Number of IP Controller	256
Number of Reader Support	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 Spac	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



Technical

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

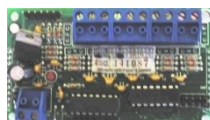
- * FIP-Lift; 8 outputs per board, maximum up to 64 outputs per controller
- ** FIP-Alarm: 8 inputs per board, maximum up to 32 inputs per controller
- *** FIP-1EXP: 2nd daughter board required to expand to 2 door controller



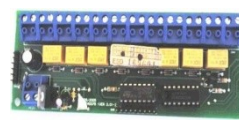
FIP- Main PCB



EXP PCB



Inputs PCB



Output s PCB