

FALCO Digital IP Door Access Controller

True Network Access Control
Solutions At Your Fingertips

Time
Management
System



Visitor
Management
System



CCTV / DVR
System



Lift Access
Control



Real Time
Intrusion
Alarm
Monitoring



Guard Tour
System



Car Park
Access
Control



Door Access
Management



We provide true network access control solutions that are:

- Based on open standards and work with proven, industry-standard equipment
- Fully scalable and compatible with your existing infrastructure
- Reliable and future-proof

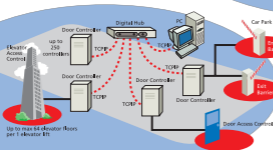
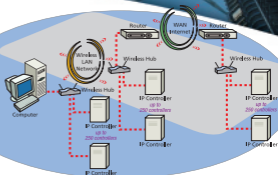


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Full System Configuration



System Configuration

Controller Specification

Card Holder	1,000 upgradeable to 100,000
Event	2,000 upgradeable to 50,000
Reader	1 in, 1 out for 1 door (Expandable: 2 in, 2 out for 2 doors)
Controlled Doors	single door controller (Expandable: two door controller)
Alarm Points	2 (Expandable: 64 Alarm Points)
Output relays	1 (Expandable: 64 Output Relays)
Holidays	50
Time Zones	50
Time Sets	3
Time Sets interval	3
Access Level	72
Software User Level	3
Elevator Floors	64
Elevator Access Level	50 controls of 64 floor
Card holder photo	yes
Floor Plan	yes

System Specification

Numbers of controller	250
Numbers of reader	1000
Numbers of Alarm Points	500
Numbers of Output Relays	250
Numbers of Elevator Lifts	250

Product Features

Features	Benefits
Cost-efficient Infrastructure	Most facilities are already wired with twisted-pair infrastructures. So with IP access control, no additional wiring is required.
Scalability LAN / WAN architecture	IP access control scales from one to hundreds of IP door access control in the increments of single controller.
Global Antipassback	Global Antipassback without the need of PC online 24 hours. Eliminates chances of failure when PC is down.
Reduces Bandwidth	High speed communication of up to 100MB/s will reduce the Network Bandwidth usage.
High Speed Polling	Data are transmitted in bulk, therefore increasing the speed of data transmission from controller to PC. This provide real-time transaction events to the user.
Peer to Peer Controller Communication	Between controllers, they can communicate with each other. Therefore alarm signals can be sent in between controllers without the PC being online.
Wireless Networking	Wireless can be used to save cable costs and also enables the IP controller to be connected to those areas where hardwire wiring is not permissible, such as a museum.
Pattern Card Searching Algorithm	For 100k user system with our patterned card searching algorithm, users can open the door in less than a second upon proxing on the card reader.
Integrated Power Supply Module	Monitor AC failure and low battery. Battery cut-off feature. 3A supply and able to drive 2 electromagnetic-locks.

