

## Controller Specifications



### 1DR TCP/IP Controller Specification

Manufacturer	Falco IP
CPU	Motorola Enhanced microprocessor 16-bit MCU 25 MHz
Memory	EEPROM
Battery Charger	7AH
Operating Temperature	0°C to 60°C
Humidity Range	0-95% non-condensing
Card Holder	1,000 upgradeable to 20,000
Event	2,000 upgradeable to 40,000
Reader	1 in, 1 out for 1 door (Expandable: 2 in, 2 out for 2 doors)
Card format support	Wiegand 26bits, MIFARE
Controlled Doors	single door controller (Expandable: two door controller)
Alarm Points	1 (Expandable: 32 Alarm input Points)
Output Relays	1 (Expandable: 64 1A Output Relays)
Communication	10/100 Mbits/s
Holidays	50
Time Zones	99
Time Sets	50
Time Sets Interval	3
Access Level	72
Tamper Detection	Yes
Software User Level	3
Elevator Floors	64 floors
Elevator Access Level	50 controls of 64 floor
Card Holder Photo	yes
Floor Plan	yes
Network Protocols	TCP/IP, ARP, DHCP
Board Dimension	(w/o casing) 128 mm x 104 mm
Power source requirement	14.5VAC, 12VDC
Optional Configuration	Able be car park controller for 2 barrier (Expandable 4 barrier) Expandable lift module Expandable alarm module



### 2 DOOR (2DRE) TCP/IP Controller Specification

Manufacturer	Falco IP
CPU	Motorola Enhanced microprocessor 16-bit MCU 25 MHz
Memory	EEPROM
Battery Charger	7AH
Operating Temperature	0°C to 60°C
Humidity Range	0-95% non-condensing
Card Holder	1,000 upgradeable to 20,000
Event	2,000 upgradeable to 40,000
Reader	2 in, 2 out
Card format support	Wiegand 26, MIFARE 34
Controlled Doors	Double doors controller
Alarm Points	1
Communication	10/100 Mbits/s
Holidays	50
Time Zones	99
Time Sets	50
Time Sets Interval	3
Access Level	72
Tamper Detection	Yes
Software User Level	3
Card Holder Photo	yes
Floor Plan	yes
Network Protocols	TCP/IP, ARP, DHCP
Board Dimension	(w/o casing) 128 mm x 104 mm
Power source requirement	14.5VAC, 12VDC



## System Capacities

Window XP, 2000  
Card Readers/keypads 2048  
Door controller 1024  
Transactions (on line) Unlimited  
Transaction per controller 2,000 (expandable 50,000)  
Card Holder per controller 1,000 (expandable 100,000)  
Remote Communication 50 capability workstation  
Holidays 50  
Time Zones 50  
Time Sets 50  
Time Sets Interval 3  
Access Level 99  
Numbers of controller 1000  
Numbers of reader 2000  
Numbers of Alarm Points 500  
Numbers of auxiliary Output 250  
Numbers of Elevator Lifts 250  
Tamper Detection Yes  
Software User Level 3  
Elevator Floors 64 floors  
Elevator Access Level 50 controls of 64 floor  
Card Holder Photo Yes  
Floor Plan Yes  
Global Antipasspack  
Continuous Reading of card Even When Door is open  
Card lockout is disable cards with 3 successive incorrect card (card lockout can be manually reset based on time)  
User Definable working hour  
Door release from PC  
Export data to third party  
Simple time attendance report  
3 modes of operation : card, card & pin, pin  
Concurrent operator languages 2  
System Operator password Unlimited  
Security levels 4 ( Enterprise System Admin, System Admin , Operator, Time Attendant)  
Number of printer 1 per workstation  
Databases MSDE/SQL  
Others features :

- Elevator Control
- Virtual Alarm System
- Web Based Visitor Management System
- On Line Guard Tour
- Video Integration
- Car Parking Control
- Remote Site Management



# Falco IP Web Requirement

## Server Requirements

### Hardware Requirement

#### Processor :

- Pentium Dual-Core Processor (2.4GHz) or above

#### Memory :

- 1GB (2x512MB) DDR2 SDRAM or above

#### Operating System :

- Microsoft Windows 2000 Server
- Microsoft Windows 2003 Server
- Windows XP Professional

#### Software Requirement :

- Microsoft Internet Information Services (IIS) 5.1 or above
- Microsoft .NET Framework Version 2.0

#### Browser Requirements :

- To use all the advanced features of the FalcoWeb, you will need to be using the latest versions of Microsoft Internet Explorer, Firefox, or Opera on a Windows system.



