Falco PoE Controller

FEATURES:

- Supports up to 2 doors

    Accommodating up to 4 electromagnetic (EM) locks and 4 proximity readers, all connected via a single Cat 5e/ 6 Cable.

    No external power supply is required at each door

- Client/ server to active transmit
- On board battery charger
- Ethernet communication cum power through a single Cat 5e/ 6 Cable
- Update firmware through web IE
- Native IP with Peer to Peer communication
- High speed data transmission to server
- Compatible with various reader technologies
- Built-in web server
- Interlocking
- AES-128 Encryption

GreenPower Access Control
by Falco

Intelli Green

Falco PoE Controller featuring Green Power PoE Technology which consumes less power with just only a single Cat 5e/ 6 cable without the need to have a main supply at each door.

Intelli Power

The PoE controller is powerful enough to support up to 2 doors with up to 4 electromagnetic (EM) locks and 4 proximity readers using Ethernet communication and power supply through a single Cat 5e/ 6 cable

Intelli Tech

Controller firmware updates can be done easily at anywhere as long as there is internet connection

CE   RoHS Compliant ✓

FALCO™

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SPECIFICATIONS:

Processing Unit:	Freescale CF microcontroller 32 bits @
Memory:	1024 kb EEPROM & 16 Mb FLASH
Battery Charger:	12 VDC / 7AH (Onboard battery backup charger/ power supply module max 3.0A)
Reader Supported:	1 door (2 readers) / 2 doors (4 readers) 12vDC @ 200mA per reader port
Reader Technology:	Standard Wiegard format (26 bit - 64 bit)
User/ Events:	Standard 70k users, 40k events upgradeable up to 150k users, 80k events
Communication	RJ45 Ethernet 10/ 100 Base-T (Max 100m)
Network Protocols:	TCP/ IP, ARP, DHCP
Inputs Functionality:	Fire Input/ exit push button/ door controller tamper
Controller Redundacy	Support 2 destination IP addresses
Dimension/ weight	PCB board = 137(L) x 117(W) x15.5(H) mm/ 25g
Opearting Temperature:	0 C - 55 C / 32 - 165 F (subject to battery specification)
Humidity:	0-85% humidity (relative non-condensing)
Power Source Requirement:	POE hub 15.4(min each port)
Security Encryption:	AES-128
Certifications:	CE, RoHS

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