

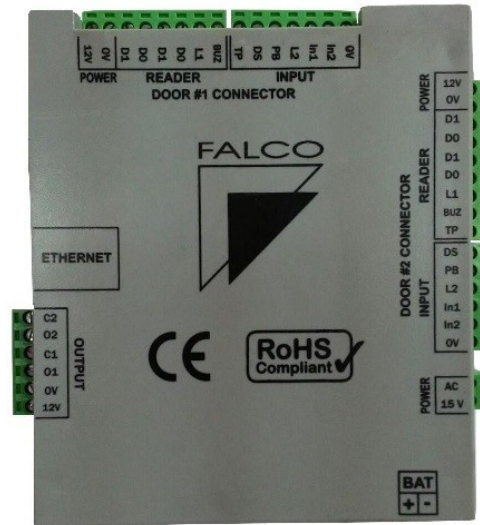


GreenPower Access Control  
by Falco

## FEATURES:-

- ✓ Support 2 doors ie. up to 4x EM locks & 4x proximity readers over a single Cat 5e/6 cable without the need to have an external power supply at each door
- ✓ Native IP with Peer to Peer communication
- ✓ Ethernet communication cum power through a single Cat 5e/6 cable
- ✓ High speed data transmission to server
- ✓ Compatible with various reader technologies
- ✓ Interlocking
- ✓ On board battery charger
- ✓ Client / server or active transmit
- ✓ Built-in web server
- ✓ Update firmware through web IE
- ✓ AES- 128 Encryption

## Green Power IP Integrated PoE onboard Controller



### 1st Native PoE CF Access System

#### Intelli Green

Falco PoE Controller featuring Green Power PoE Technology which consumes less power with just only using 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 2doors with 4x EM locks & 4x proximity readers with Ethernet communication cum power supply thru a single Cat 5e/6 cable.

#### Intelli Tech

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

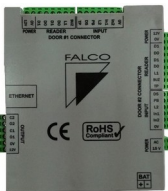


# PoE CF CONTROLLER

## SPECIFICATION:-

|                          |   |
|--------------------------|---|
| 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 2.0A) |
| READER SUPPORTED         | 1 door (2 readers) / 2 doors (4 readers) 12vDC @200mA per reader port       |
| READER TECHNOLOGY        | Standard Wiegand format (26 bit -64 bit)                                    |
| USERS / EVENTS           | Standard 70k users, 40k events, upgradable to 150k users, 80k events        |
| COMMUNICATION            | RJ45 Ethernet/ 10/100 Base-T ( Max 100Mbps)                                 |
| NETWORK PROTOCOLS        | TCP/IP, ARP, DHCP   |
| INPUTS FUNCTIONALITY     | Fire input/ exit push button / door contact                                 |
| CONTROLLER REDUNDANCY    | Support 2 destination IP addresses  |
| DIMENSION / WEIGHT       | PCB board = 137 (L) x117 (W) x 15.5 mm / 25g                                |
| OPERATING TEMPERATURE    | 0°C ~ 55°C / 32° ~ 165°F (subject to specification)                         |
| HUMIDITY                 | 0 ~ 85% Humidity (relative non-condensing)                                  |
| POWER SOURCE REQUIREMENT | POE hub 15.4W(min each port)  |
| SECURITY ENCRYPTION      | AES- 128  |
| CERTIFICATIONS           | CE<br>RoHS  |

## ORDER INFORMATION :-



**1 door controller**  
Model : CTRL-1DRPoE-CF/IP-PCB

**2 doors controller**  
Model : CTRL-2DRPoE-CF/IP-PCB

## ACCESSORIES :-



**Metal Casing**



**PoE Injector**

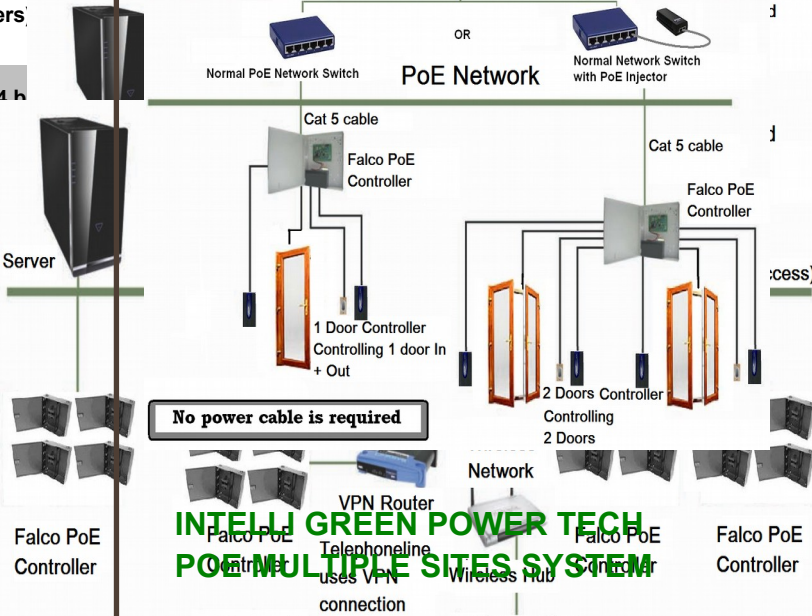
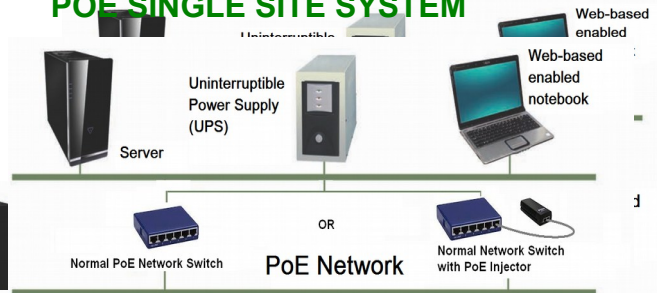
**Support up to 2 X EM LOCKS**  
Model : PD-6558G301/AC PoE ADAPTOR

**Support up to 4 X EM LOCKS**  
Model : PD-9001GR/AC PoE INJECTOR



**12V DC BATTERY**

## INTELLI GREEN POWER TECH POE SINGLE SITE SYSTEM



## INTELLI GREEN POWER TECH POE MULTIPLE SITES SYSTEM

