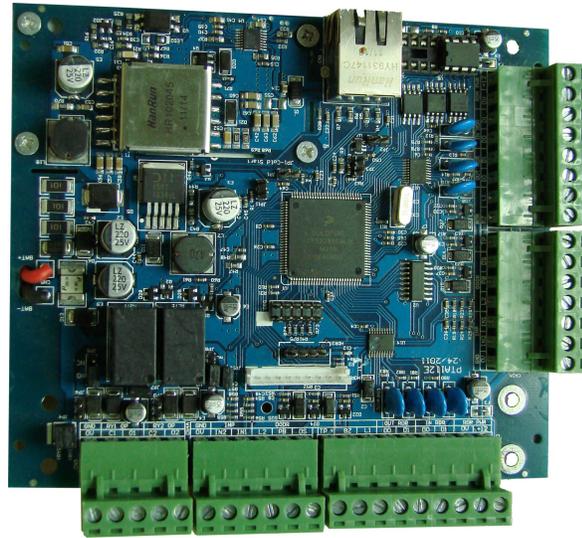## GreenPower Access Control
by Falco

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

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.

CE RoHS Compliant ✓

www.falco-ecom.com

FALCO™

IP 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 100m /
NETWORK PROTOCOLS	TCP/IP, ARP, DHCP
INPUTS FUNCTIONALITY	Fire input/ exit push button / door contact/ tamper
CONTROLLER REDUNDANCY	Support 2 destination IP addresses
DIMENSION / WEIGHT	PCB board = 137 (L) x117 (W) x 15.5 (H) mm / 25g
OPERATING TEMPERATURE	$0^0C \sim 55^0C$ / $32^0 \sim 165^0F$ (subject to battery specification)
HUMIDITY	0 ~ 85% Humidity (relative non-condensing)
POWER SOURCE REQUIREMENT	POE hub 15.4W(min each port)
SECURITY ENCRYPTION	AES- 128
CERTIFICATIONS	CE RoHS

ORDER INFORMATION :-

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

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

INTELLI GREEN POWER TECH POE SINGLE SITE SYSTEM

INTELLI GREEN POWER TECH POE MULTIPLE SITES SYSTEM

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