



## **FALCO IP (PoE) Door Controller is Malaysia's 1st Native IP Controller With PoE in the access control industry.**

### OVERVIEW

Today's energy consumption is increasing tremendously. This would mean rising utility bills and generation cost from gas and coal. This has all negative effects on the greenhouse gas emissions. With the emergence of energy saving designs and technology, there are diversified manufacturers and brands to provide these technologies

PoE is an emerging security system technology that transmits electrical power and data to remote devices over an existing standard Ethernet network's twisted-pair CAT5 cables. This eliminates up to 33 percent in installation/labor costs associated with running individual AC power supplies to new entryway access control hardware. The transformation leverages the existing IT infrastructure, eliminates the need for local power, consolidates and saves labor costs for cable installation, reduces the time to install system devices, is more scalable and provides a large base of management tools and support.

PoE is now offered on FALCO's renewed controller. Power-conserving controllers (FALCO PoE) offers significant energy savings resulting in lower cost of ownership and unsurpassed reliability for end users. With power reduction up to 33 %, FALCO PoE offers a cost effective and environmental friendly product to help you not in one but both ways.

FALCO controller connects directly to the IP network and utilizes the 802.3 af PoE (Power Over Ethernet) standards to power itself. This is a new ways for cost-cutting alternative of supplying power to door readers, door controllers and electromagnetic locks via the building's Ethernet.

### **PRODUCT FEATURES**

#### **Cost Saving Installation**

- Eliminates the use of power cable, conduit, power socket and manpower.**
- Reduces the amount of infrastructure to deploy.**
- Speeds up installation with neat cabling and design.**

#### **Easy Installation**

- Controller connects directly to your IP network and utilizes the PoE switch to power itself.**
- Easily install by integrators, installers or end-user.**
- Easily deployed**

#### **Smart Technology**

- Reduces electrical surges and lightning strikes by using only isolated TCP/IP.**

**Reduces energy consumption by up to 33 % compared to normal controllers.**

#### Product Differentiation

Performance of our controllers are maintained although the energy consumption has been reduced.

Labeling on cost effective efficiency for this technology can be effective in the marketplace.

#### **Product Features**

- World 1st Native IP Lock Controller
- Network-ready
- International Power over Ethernet (PoE) standard 802.3af
- Native TCP/IP Ethernet device (RJ45 Ethernet)
- Low cost single cable deployment (CAT5e or CAT6)
- Configured with Web Browser
- Supports TCP/IP, IPv4, 10/100 half/full duplex
- Supports magnetic locks and door strikes from a variety of manufacturers
- Dual Lock Outputs (Normal & Inverted; lock doors open or closed)
- Door Sensors, Key-switches, Local Emergency Exit Break Glass
- External Trigger, NC/NO 'no-volt' contacts, Panic Input (Open Up or Lock Down)
- Granular administration by administrators
- Timed, toggle, lock & unlock door operations
- Free IP CallPoint software for remote door entry requests to a PC

#### **DISADVANTAGES**

##### PoE Devices

Currently expensive but cost is coming down.