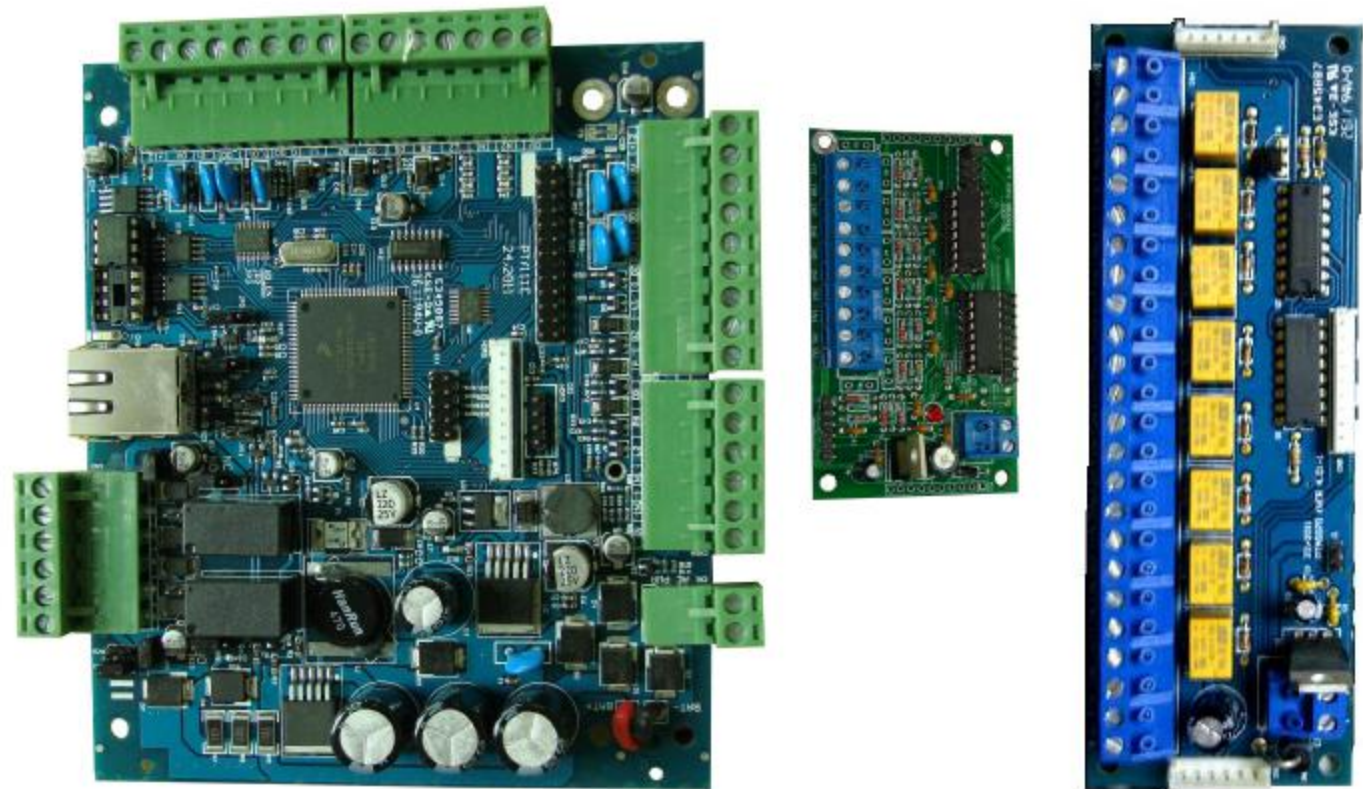




FEATURES:-

- ✓ Supports up to 32 zones alarm input with plug-on 4x 8 input modules and additional 64 output point with plug-on 8x 8 output modules.
- ✓ Supports up to 150k users & 80k events
- ✓ Supports firmware upgrade via IE
- ✓ Native IP with Peer to Peer communication
- ✓ High speed data transmission to server
- ✓ Compatible with various reader technologies
- ✓ Interlocking
- ✓ Built-in web server
- ✓ AES- 128 encryption



SMART ARCHITECTURE

Effective Infrastructure

Leverage on the usage of existing network infrastructure, hence saving your cost.

Adaptive Network Bandwidth

High bandwidth with high speed polling transmits data easily, enabling real-time transaction to the users.

ACTIVE ENVIRONMENT

Client to Server Environment

Communication between Server and FALCO controllers happens whenever an event is active on the controller.

Peer to Peer Communication

Communication between one controller with another controller without the need of the database server acting as the facilitator.

ADVANCED TECHNOLOGY

High Speed Transmission

-Patented card searching algorithm to search card database within 1 second for controller memory of 150k users.

Secure Technology

- FALCO proprietary protocol utilized.
- Integrated power supply module ensures stable operation despite electricity cut-off
- Door controller and the relay are placed in secure location for the better security

Larger Storage

-Unbeatable technology enables Falco controller to support up to 150k users & 80k events memory.



IP ALARM MONITORING CF CONTROLLER

SPECIFICATION:-

PROCESSING UNIT	Freescale CF microcontroller 32 bits @ 60mHz
MEMORY	1024 kb EEPROM & 16 Mb FLASH
BATTERY CHARGER	12 VDC / 7AH (Onboard battery backup charger)
DIGITAL INPUT/ OUTPUT	Input : 8- Expandable to 32, Output: 8- Expandable to 64
TRIGGER MODE	Open trigger/ Short trigger
FUNCTION MODE	Toggle mode/ Alarm mode
READER TECHNOLOGY	Standard Wiegand format (26 bit -64 bit)
USER / HISTORY	Standard 70k users, 40k events, upgradable to 150k
COMMUNICATION	RJ45 Ethernet / 10/100 Base-T (Max 100m / 328ft.)
NETWORK PROTOCOLS	TCP/IP, ARP, DHCP
INPUTS FUNCTIONALITY	Fire input/ exit push button / door contact/ tamper
CONTROLLER	Supports 2 destination IP addresses
DIMENSION / WEIGHT	137 (L) x 117 (W) x 15.5 (T) mm / 25 g
ENCRYPTION	AES-128 bit (BI-DIRECTIONAL)
DIMENSION/ WEIGHT	PCB board = 137 (L) x117 (W) x 15.5 (H) mm, 25g
OPERATING TEMPERATURE	0°C ~ 55°C / 32° ~ 165°F (subject to battery specifications)
HUMIDITY	0 ~ 85% Humidity (relative non-condensing)
POWER	14.5 VAC @ 12 VDC (Onboard power supply module max 2.0A)
TIME ZONE CONTROL	Yes
CERTIFICATIONS	CE RoHS

ORDER INFORMATION :-



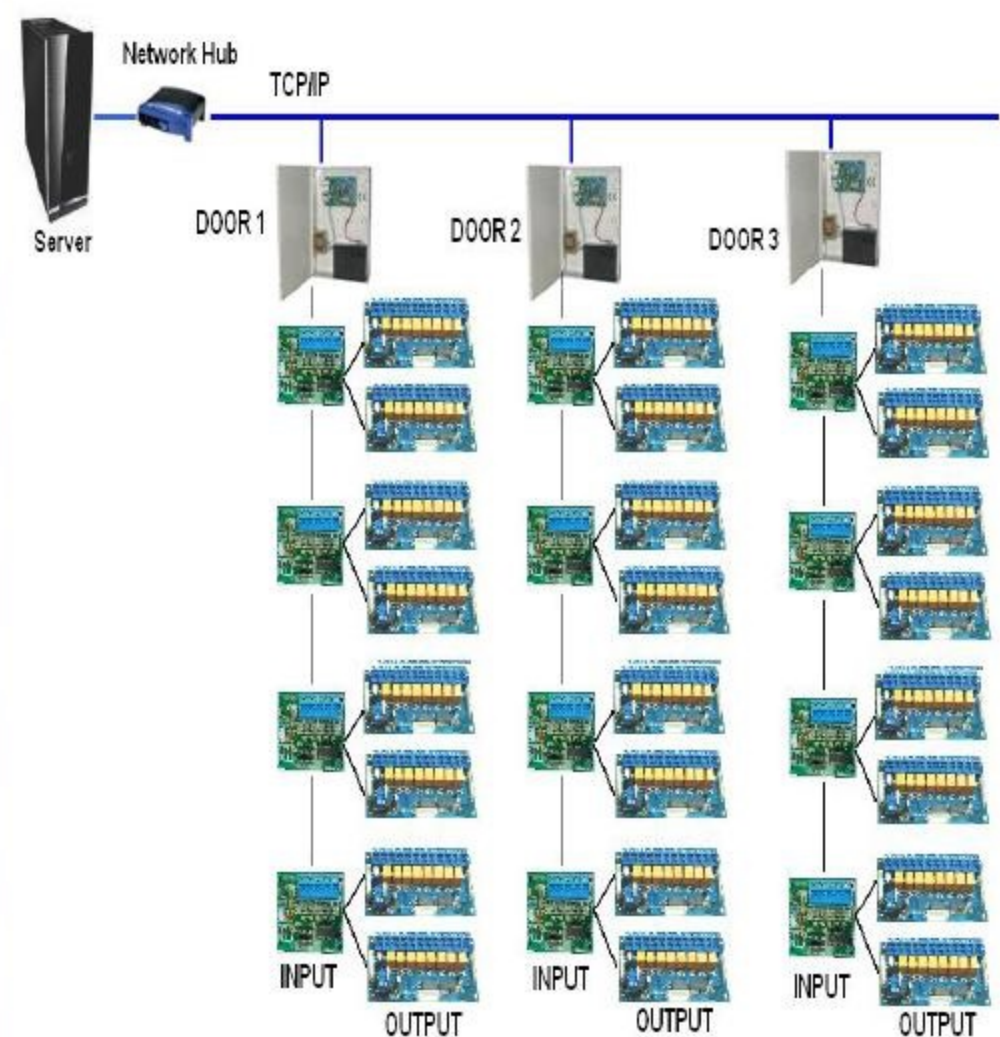
Alarm Controller

Model : CTRL-1DRALR-CF/IP(2.0A)-PCB

Alarm with I/O Controller

Model : CTRL-1DRALR-CF/IP(2.0A)-PCB FOR I/O

FALCO LIFT TCP/IP SITE SYSTEM ARCHITECTURE



ACCESSORIES :-



Metal Casing

Model : EMPTY CONTROL
PANEL BOX



Transformer

Model : SF-0523-PT
TRANSFORMER
15.0V@3.0A



Output

Model : 1DRSMT
TCP/IP-8OUTPUT



Input

Model : 1DRSMT
TCP/IP-8INPUT



12V DC BATTERY

Model : FA12-7E BATTERY