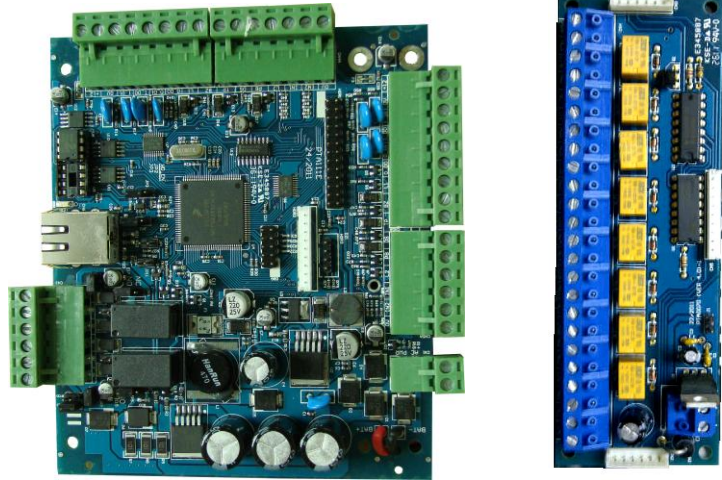




## FEATURES:-

- ✓ Supports up to 64 floors with plug-on 8 x 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 LIFT CF CONTROLLER

## SPECIFICATION:-

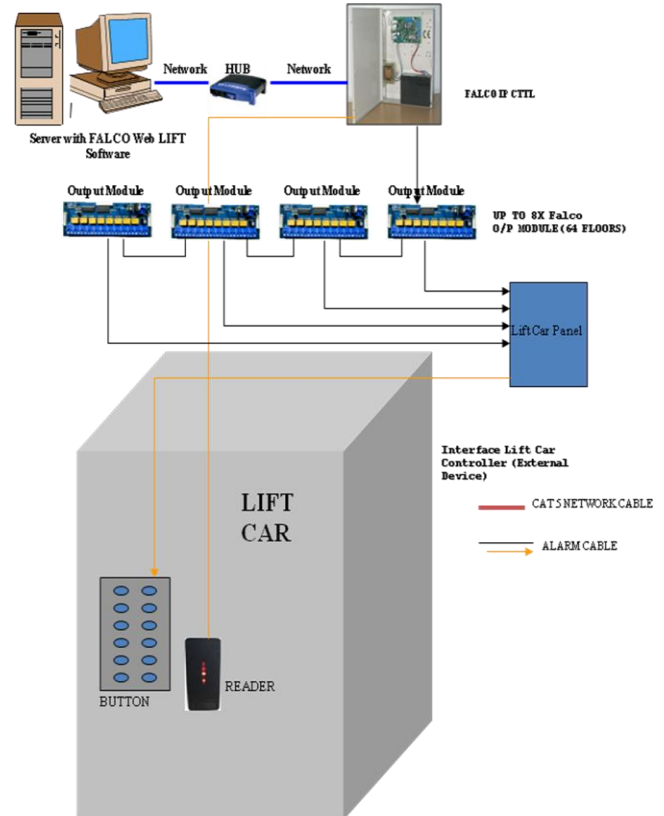
PROCESSING UNIT	Freescale CF microcontroller 32 bits @ 60mHz
MEMORY	1024 kb EEPROM & 16 Mb FLASH
BATTERY CHARGER	12 VDC / 7AH (Onboard battery backup charger)
ELEVATOR FLOORS	Max 64 Floors
RELAY OUTPUT	10A contact rating
READER SUPPORTED	1
READER TECHNOLOGY	Standard Wiegand format (26 bit -64 bit)
USERS / HISTORY	Standard 70k users, 40k events, upgradable to 150k users, 80k events
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 REDUNDANCY	Supports 2 destination IP addresses
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)
SECURITY ENCRYPTION	AES- 128
CERTIFICATIONS	CE RoHS

## ORDER INFORMATION :-



**Lift controller**  
Model : CTRL-1DRLIFT-CF/IP(2.0A)-PCB

## FALCO LIFT TCP/IP SITE SYSTEM ARCHITECTURE



### REMARKS

- (1) FALCO - IP - CONTROLLER, OUTPUT MODULE AND LIFT CONTROLLER ARE PUT ON TOP FLOOR OF THE LIFT
- (2) 1 OUTPUT MODULE CONSIST OF 8 OUTPUTS/FLOOR.
- (3) MAXIMUM OF THE OUTPUT MODULE CAN CONNECTED IS 8 UNITS. I.E 64 OUTPUTS/FLOORS CAN BE CONTROLLED
- (4) IF OUTPUT MODULE MORE THAN 2 UNITS, 1X EXTRA 3A POWER SUPPLY NEED TO BE ADDED

## ACCESSORIES :-



**Metal Casing**



**Output**  
Model : 1DRSMT-TCP/IP-8OUTPUT

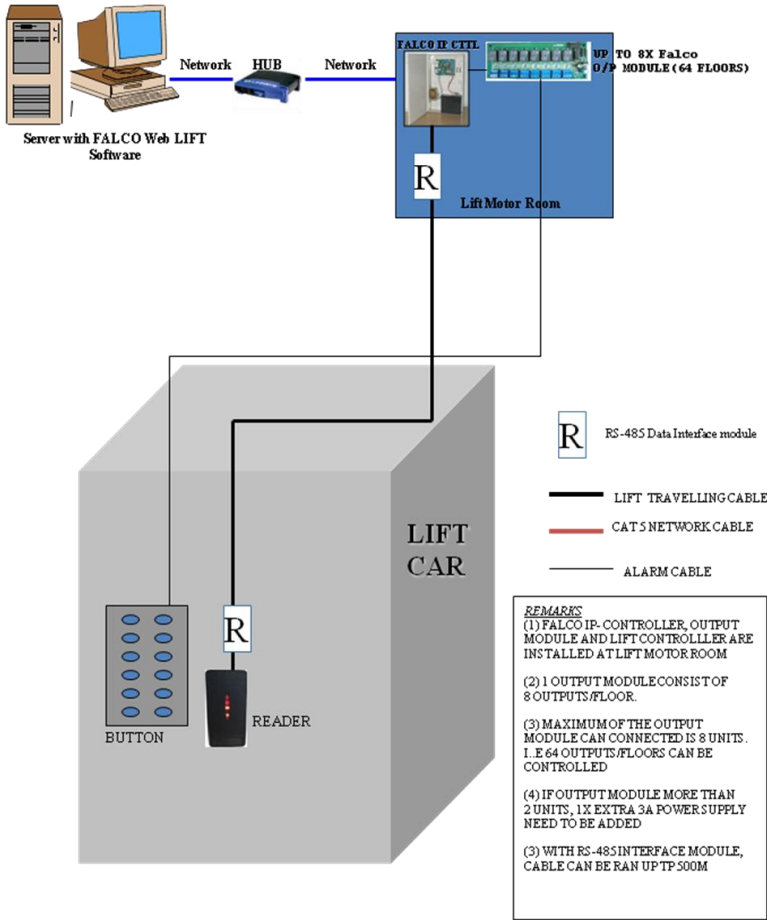


**Transformer**



**12V DC Battery**

## FALCO IP LIFT ACCESS CONFIGURATION (with RS-485 Data Interface Module)



## FALCO IP LIFT ACCESS CONFIGURATION (with homeplug)

