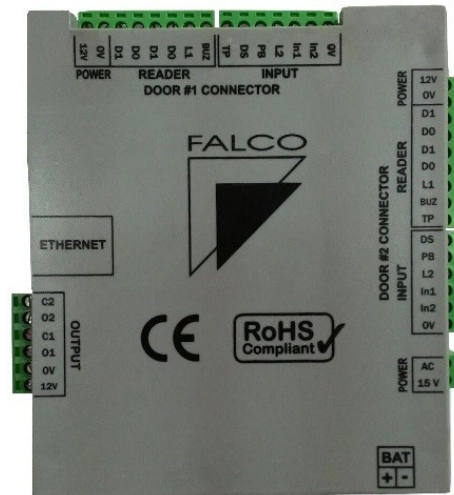




FEATURES:-

- ✓ Supports 2x barriers ie. up to 1x in & 1x Out (expandable to 2x in & 2x out barriers)
- ✓ Supports up to 150k users & 80k events
- ✓ Supports firmware upgrade via IE
- ✓ Native IP with Peer to Peer communication
- ✓ High speed data polling 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.

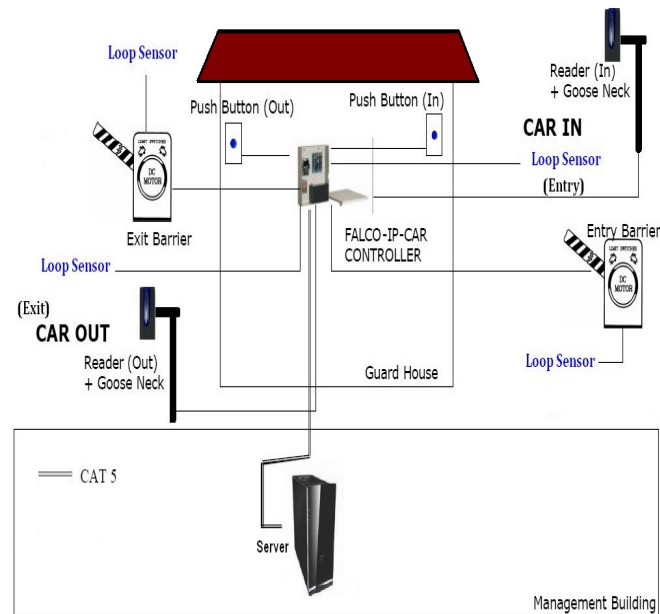


P CAR PARK CF CONTROLLER

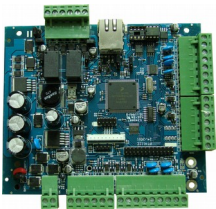
SPECIFICATION:-

PROCESSING UNIT	Freescle CF microcontroller 32 bits @ 60mHz
MEMORY	1024 kb EEPROM & 16 Mb FLASH
BATTERY CHARGER	12 VDC / 7AH (Onboard battery backup charger)
POWER	14.5 VAC @ 12 VDC (Onboard power supply module max 2.0A)
READER SUPPORTED	1 door (2 readers) 1 x In, 1 x Out
READER TECHNOLOGY	Standard Wiegand format (26 bit -64 bit)
USERS / HISTORY	Standard 70k users, 40k events, upgradable to 150k
COMMUNICATION	RJ45 Ethernet/ 10/100 Base-T (Max 100m / 328ft.)
NETWORK	TCP/IP, ARP, DHCP
INPUTS FUNCTIONALITY	Fire input/ exit push button / door contact/ tamper
CONTROLLER	Support 2 destinations IP address
DIMENSION / WEIGHT	PCB board = 137 (L) x117 (W) x 15.5 (H) mm / 25g
SECURITY ENCRYPTION	AES-128 bit (BI-DIRECTIONAL)
OPERATING TEMPERATURE	0°C ~ 55°C / 32° ~ 165°F (subject to battery specifications)
HUMIDITY	0 ~ 85% Humidity (relative non-condensing)
USER CARD EXPIRATION	YES
CERTIFICATIONS	CE RoHS

FALCO CAR PARK TCP/IP SITE SYSTEM ARCHITECTURE



ORDER INFORMATION :-



Car Park Controller
Model : CTRL-1DRCAR-CF/IP(2.0A)-PCB

ACCESSORIES :-



Metal Casing



Transformer



12V DC BATTERY