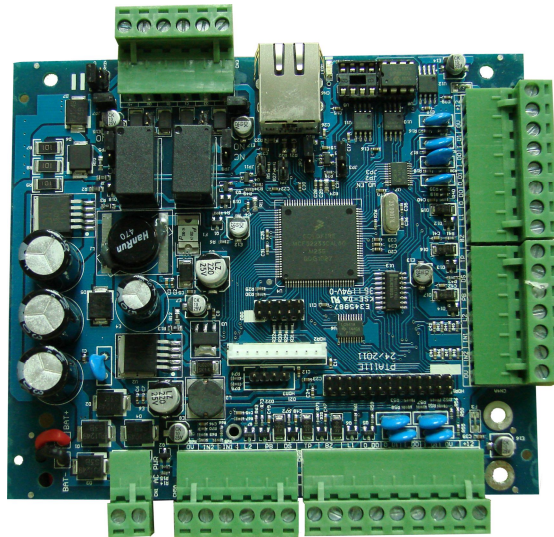




FEATURES:-

- ✓ Support 2x barriers ie. up to 1x in & 1x Out (expandable to 2x in & 2x out barriers)
- ✓ Support up to 150k users & 80k events
- ✓ Support upgrade firmware through IE Web
- ✓ 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 the Server with FALCO controllers happens whenever an events is active on the controller.

Peer to Peer Communication

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

ADVANCED TECHNOLOGY

Speedy Transmission

Pattern algorithms are employed to search card database under 1 second for up to 150k users.

Secure Technology

-Falco uses its own proprietary protocol that cannot be obtained from anyone else

-Integrated power supply module ensures stable operation despite electricity cut-off

-Door controllers and the relays are placed in secure locations for the better security

Larger Storage

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

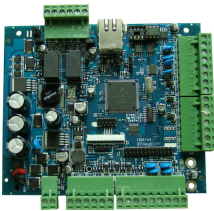


IP CAR PARK CF CONTROLLER

SPECIFICATION:-

PROCESSING UNIT	Freescale CF microcontroller 32 bits @ 60MHz
MEMORY	512 kb EEPROM & 16 Mb FLASH
BATTERY CHARGER	12 VDC / 7AH (Onboard battery backup charger)
POWER	14.5 VAC @ 12 VDC (Onboard power supply module)
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	Fire in/ 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 – CLASS A UL 294 LISTED – SECURITY MARK FCC PART 15, CLASS A RoHS

ORDER INFORMATION :-



Car Park Controller
Model : CTRL-1DRCAR-CF16M/IP(2.0A)-PCB

ACCESSORIES :-



Metal Casing
Model : EMPTY CONTROL PANEL BOX

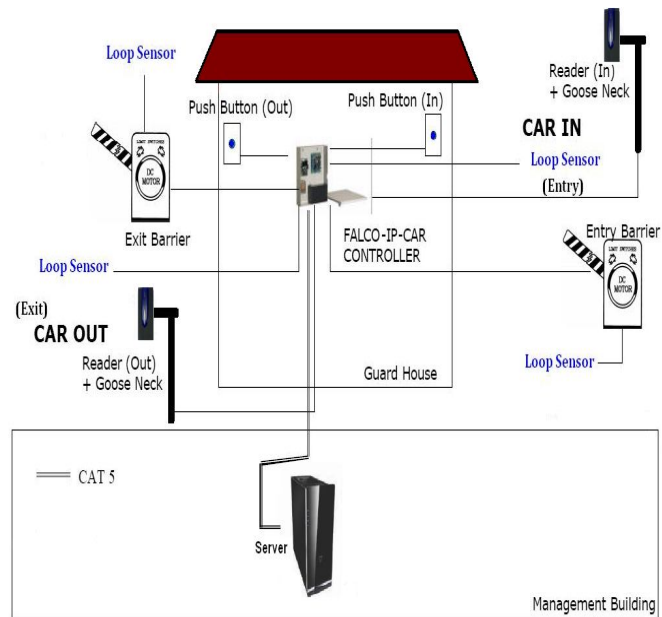


Transformer
Model : SF-0523-PT TRANSFORMER
15.0V@3.0A



12V DC BATTERY
Model : FA12-7E BATTERY

FALCO CAR PARK TCP/IP SITE SYSTEM ARCHITECTURE



FALCO CAR PARK VIDEO COMPARISON ARCHITECTURE

