

ACCESS CONTROLLER

F-16

The F-16 Digital IP System is a high featured, yet cost effective, TCP/IP based integrated security management system for small to medium level corporate, institutional or government security needs. Its simplicity and intuitive GUI (Graphical User Interface) together make F-16 Digital IP System an advance and powerful - yet easy to use - integrated security management system.

This system is an evolution from conventional or obsolete RS-485 or RS-232 based technology to future proof Ethernet technology.



Features

Cost-efficient Infrastructure	Most facilities are already wired with twisted-pair infrastructures. So with IP access control, no additional wiring is required.
Scalability LAN / WAN architecture	IP access control scales from one to hundreds of IP door access control in the increments of single Controller.
Global Antipassback	Global Antipassback without the need of PC online 24 hours. Eliminates chances of failure when PC is down.
Reduces Bandwidth	High speed communication of up to 100MB/s will reduce the Network Bandwidth usage.
High Speed Polling	Data are transmitted in bulk, therefore increasing the speed of data transmission from controller to PC. This provide real-time transaction events to the user.
Peer to Peer Controller Communication	Between controllers, they can communicate with each other. Therefore alarm signals can be sent in between controllers without the PC being online.
Wireless Networking	Wireless can be used to save cable costs and also enables the IP controller to be connected to those areas where hardwire wiring is not permissible, such as a museum.
Pattern Card Searching Algorithm	For 100k user system with our patterned card searching algorithm, users can open the door in less than a second upon proxing on the card reader.
Intergrated Power Supply Module	Monitor AC failure and low battery. Battery cut-off feature. 3A supply and able to drive 2 Electromagnetic-locks.



Features

Controller Specification

Card Holders	1,000 upgradable to 100,000
Events	2,000 upgradable to 50,000
Readers	1 in, 1 out for 1 door (Expandable: 2 in, 2 out for 2 doors)
Controlled Doors	single door controller (Expandable: two door controller)
Alarm Points 2	(Expandable: 64 Alarm Points)
Output relays 1	(Expandable: 64 Output Relays)
Holidays	50
Time Zones	50
Time Sets	50
Time Sets interval	3
Access Level	72
Software User Level	3

System Specification

Numbers of controller	250
Numbers of reader	1000
Numbers of Alarm Points	500
Numbers of Output Relays	250