

**Two Door Access Controller  
*Spectra ACT500***



**TECHNICAL SPECIFICATIONS**

Model	: Spectra ACT500
Controller	: 2 Doors / 4 Readers
CPU	: 8 Bit Microcontroller running at 42 Mhz
Program Memory	: 128 Kbytes
Data Memory	: 2 MBytes Flash
Database Transactions	: 30000 Card holders : 55,000 time stamped events storage capacity
RTC	: Non Volatile Real Time Clock Calendar
Display	: LED indication for reader and lock activity status
Communication	: 10 Base-T RJ45 ethernet interface (TCP/IP) with status LED indications
Reader interface	: Weigand configurable from 26 bits to 40 bits / Clock Data Four Reader ports
Reader Control	: LED Control, Buzzer Control and Reader Tamper switch Input
Lock Interface	: 2 Potential Free changeover relays, contact rating 3A/30VDC, Supports both fail safe and fail secure type of lock assemblies
Digital Inputs	: Optically Isolated inputs for 2 Door Sensor, 2 Exit Switch and 4 General purpose digital input
Digital Outputs	: 2 General purpose relay outputs
Watchdog	: Built-in watchdog supervisor
Supply	: 13.8 V DC / 2.5 Amp with battery charger, Provision to connect 12V/7.2 AH Battery
Protection	: Miniature Circuit Breaker (MCB) for over current protection
Power	: 2.5 Watts (Excluding Lock and Readers)
Input	: 180V AC ~ 230V AC / 50 Hz
Enclosure	: Robust metal housing with compact dimensions
Weight	: 2.65 Kg.
Input	: 180 VAC ~ 230 VAC
Dimensions	: 26.2 cm(L) x 23.0 cm(W) x 5.7 cm(D)

**FEATURES**

**2 Door / 4 Reader Controller**

Supports access control of up to 2 doors in all respect including 2 entry readers, 2 exit readers, 2 locks, 2 exit switches etc.

**Inbuilt RJ45 Network Interface**

Leveraging on the merits of IP based systems, it can easily be hooked upon the existing TCP/IP network. Thus the data can be transferred instantaneously in real time mode to a centralized server.

**Field Upgradable Firmware**

Facility to onsite upgrade the firmware over Ethernet interface so that any customisation or new version can be easily upgraded without any need of removing the device.

**Protected Enclosure**

Both controller & power supply unit are protected with suitable housing so that electronic circuit boards are not exposed to cause any accidental damage.

**Anti Pass Back**

Door wise antipassback. Entry to the particular door is allowed only when the employee has exited through the same door.\

**Door Interlocking**

Facility of door interlocking is available. The system allows creating a group of doors such that access to a door within the group is allowed only when all the other doors are in closed condition.

**Excellent Price Performance Ratio**

With a lower price to performance ratio ROI is automatically enhanced, the factor contributing to higher ROI is not only very competitive pricing but also higher accuracy rate offered by the product.