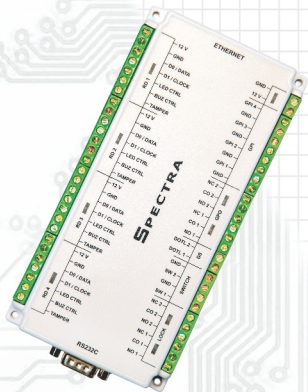




**SPECTRA™**

Your Identity Solution Partner



*Two Door  
Access Controller*

CE Certified Product  
An ISO 9001:2008 Company

[www.spectra-vision.com](http://www.spectra-vision.com)

**Simple. Powerful. Secured.**

FingerXs

• *INSTAID*

• ezCANTEN

• BioStamp

• PAYPOINT

**SPECTRA™**

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**INSTAID****ACT500 - Access Controller****Specifications : Hardware**

Controller	:	2 Doors / 4 Readers
CPU	:	8 Bit Microcontroller running at 42 MHz
Program Memory	:	128 KBytes
Data Memory	:	2 MBytes Flash
Database	:	30,000 card holders
Transactions	:	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 changeover 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
Humidity	:	RH 5-95% Non-condensing
Weight	:	2.65 Kg.
Dimensions	:	26.2 cm(L) x 23.0 cm(W) x 5.7 cm(D)

**Specifications : Firmware**

Time Zone	:	30 user defined time zones
Access Groups	:	90 Access Groups
Day Access	:	Day of the week access
Week off Groups	:	30 Week Off Groups
Holiday Groups	:	10 Holiday groups, 30 holidays per group
Antipassback	:	Door wise antipassback
Interlocking	:	Interdoorlocking facility available
Digital Inputs	:	Programmable general purpose Digital Inputs for monitoring devices and sensors
Digital Outputs	:	Programmable general purpose digital Outputs for alarms

\*Specifications are subject to change without any prior notice

**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 up on 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 &amp; 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.

**Spectra Technovision (India) Pvt. Ltd.**

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