



# SPECTRA

Your Identity Solution Partner



*Four Door Access Controller*

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

## Simple. Powerful. Secured.

FingerXs



INSTAID



ezCANTEN



BioSTAMP



PAYPOINT

<http://www.asi.ind.in>



# SPECTRA

Your Identity Solution Partner

# INSTAID

## ACT1000 - Access Controller



### Features

#### ⊗ 4 Door/8 Reader Controller

Supports access control of up to 4 doors in all respect including 4 entry readers, 4 exit readers, 4 locks, 4 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 Enclosures

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.

### Specifications : Hardware

Controller	:	4 doors / 8 readers
CPU	:	8 Bit Microcontroller running at 42 MHz
Program Memory	:	512 KBytes
Data Memory	:	2 MB Flash & 256 KB nonvolatile RAM
Database	:	30,000 card holders
Transactions	:	55,000 time stamped events storage capacity
RTC	:	Non Volatile Real Time Clock Calendar
Display	:	16 characters x 2 Lines High Contrast Backlit LCD, LED indication for reader and lock activity status
Keypad	:	12 Keys Membrane keypad for local programming
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, Eight Reader ports
Reader Control	:	LED Control, Buzzer Control and Reader Tamper switch Input
Lock Interface	:	4 Potential Free changeover relays, contact rating 3A/30VDC, Supports both fail safe & fail secure lock assemblies
Digital Inputs	:	Optically Isolated inputs for 4 Door Sensor, 4 Exit Switch & 8 General purpose digital inputs
Digital Outputs	:	4 General purpose relay outputs
Watchdog	:	Built-in watchdog supervisor
Supply	:	13.8 V DC / 5 Amp with battery charger, Provision to connect 12V/7.2 AH Battery
Protection	:	Miniature Circuit Breaker (MCB) for over current protection
Power	:	4 Watts (Excluding Lock and Readers)
Input	:	180V AC ~ 230V AC / 50 Hz
Humidity	:	RH 5~95% Non-condensing
Weight	:	5.14 Kg.
Dimensions	:	36.2 cm(L) x 32.5 cm(W) x 8.3 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

<http://www.asi.ind.in>

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