



SPECTRA



Single Door Access Controller

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Simple. Powerful. Secured.

FingerXs



INSTAID



ezCANTEEN



BioSTAMP



PAYPOINT



Features

- ⊗ **Compact Design with high Aesthetics**
Boasts of compact and high on aesthetics design suitable for both access control as well as attendance recording.
- ⊗ **Multiple RFID Technologies**
Supports all latest RFID technologies with inbuilt EM reader and option of having Mifare/HID iClass/HID Prox.
- ⊗ **Multiple Card Formats**
The system supports multiple card formats including HID Prox & HID iClass. It also supports 13.56 Mhz Mifare credentials for CSN as well as sector reading.
- ⊗ **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.
- ⊗ **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.

Specifications : Hardware

CPU	:	8 Bit Microcontroller running at 42 MHz
Program Memory	:	128 KBytes
Data Memory	:	2 MBytes Flash
Reader Support	:	Inbuilt proximity reader (optional Mifare /HID Prox/HID iClass reader)
Database	:	30,000 card holder database storage
Transactions	:	55,000 time stamped events storage capacity
RTC	:	Non Volatile Real Time Clock Calender, Data retention for more than 10 years without external power
Display	:	16 Character x 2 Line high contrast backlit LCD
LED	:	Red & Green LED for pass/fail indication
Keypad	:	12 Keys Membrane keypad for local programming and PIN entry
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
Lock/Siren Interface	:	1 Potential Free changeover relay, contact rating 3A/30VDC, Supports both fail safe and fail secure type of lock assemblies
Aux Reader Port	:	One reader port is available for exit weigand or clock/data reader
Digital Inputs	:	1 input for exit switch, 1 input for door sensor & 1 general purpose programmable input
Digital Output	:	1 general purpose TTL output for alarm
Watchdog	:	Built-in watchdog supervisor
Supply Requirement	:	12VDC / 1A Switch mode supply
Power	:	Less than 5 watt
Enclosure	:	Plastic housing with sleek aesthetics
Humidity	:	RH 5~95% Non-condensing
Weight	:	0.32 Kg
Dimensions	:	13.2 cm (L) x 11.0 cm (W) x 3.5 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
Message Display	:	Provision to display individual/global message
Antipassback	:	Door wise antipassback
Door Interlocking	:	Interlocking facility available

Specifications are subject to change without any prior notice

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