



SPECTRA™

Your Identity Solution Partner



*Single Door
Access Controller*

CE Certified Product
An ISO 9001:2008 Company

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CONCERNED ABOUT UNAUTHORISED ENTRY??

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INTELLIGATE**AR800 - Access Controller****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 or 1 general purpose programmable input
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

**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.

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