



SPECTRA



SECURITY
SOLUTIONS PROVIDER



Time Attendance Recorder *Spectra Intelligate*

TECHNICAL SPECIFICATIONS

Model	: Spectra Intelligate
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
Siren interface	: Built in programmable siren interfaces
Keypad	: 12 keys keypad for 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

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.

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)