SPECTRA

Your Identity Solution Partner

CE
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Standalone Biometric Access Controller

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Affordable Biometric Security

FingerXs • INSTAID • ezCanteen • BioStamp • Paypoint

SPECTRA
Your Identity Solution Partner

BioStamp plus

BioStamp plus - Access Controller

Specifications : Hardware

CPU	:	8 Bit Microcontroller running at 42 MHz
Finger Print Sensor	:	Most rugged and accurate optical finger print sensor
Resolution	:	Finger Print Reader with 500 dpi resolution
EER	:	<0.1%
Reader Support	:	Inbuilt proximity reader (optional Mifare reader/HID Prox/HID iClass) for 1:1 match
Verification Time	:	1:1 match < 1 sec, 1:N match < 1 sec for less than 1000 templates
Template Storage	:	Non volatile memory to store 1900 finger print templates (expandable up to 9000)
Database	:	30,000 Employees Database
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	:	Tri colour LED indication to display verification results
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 Interface	:	1 Potential Free changeover relay, contact rating 3A/30VDC
Aux Reader Port	:	One reader port is available for exit weigand or clock/data reader
Digital Inputs	:	One input for exit switch/one GPI
Digital Outputs	:	One GPO TTL level
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	:	0.28 Kg
Dimensions	:	15.6 cm (L) x 6.0 cm (W) x 4.0 cm (D)

Specifications : Firmware

Registration Mode	:	Supports finger registration either through software or fingerprint USB registration sensor
Two Finger Support	:	Provision to register two fingers per user
Authentication Mode	:	Only Finger, Only card, Card + Finger
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

Specifications are subject to change without any prior notice

Features

⌧ **Single Door Biometric Access Control**

Offers ease of installation with lower cost per door as less wiring is required in comparison to conventional control panel based access control topology.

⌧ **Rugged Fingerprint Algorithm**

Equipped with most reliable fingerprint matching algorithm to ensure unrivaled accuracy with best verification results. Auto finger update helps in keeping the track of finger changes over the period thus adequately taking care of dry, wet & swollen fingers.

⌧ **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.

⌧ **Multiple RFID Technologies**

Supports all latest RFID technologies with inbuilt EM reader and option of having Mifare/HID iClass/HID Prox. Fingerprint template can be stored on a smart card with HID iClass/Mifare technology to facilitate data portability & unlimited users without being dependent on the device template capacity.

⌧ **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.

B-031105 rev 1.03