

**IP based Fingerprint controller
BioStamp Plus**

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.

TECHNICAL SPECIFICATIONS

Model	: BioStamp plus
CPU	: 8 bit microprocessor CPU
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 fingerprint templates (expandable up to 9000)
Database Transactions	: 30,000 Employees Database : 55,000 time stamped events storage capacity
RTC	: Non Volatile Real Time Clock Calender, Data retention for more than 10 years without external power
Communication	: 10 Base-T RJ45 ethernet interface (TCP/IP) with status LED indications
Display	: Tri colour LED indication to display verification results
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
Dimensions	: 15.6 cm (L) x 6.0 cm (W) x 4.0 cm (D)
Weight	: 0.28 Kg