

Products

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 - Biometrics
 - Card Reader
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Product Brief

Finger Xs is a standalone finger print recognition based attendance recording system. It is a field proven product incorporating industry’s most advanced and powerful finger print reader. It boasts of a robust metal enclosure for rugged industrial usages. It comes up with various options to suit varied requirements. It has been seamlessly integrated with Mifare & RFID technologies.

Key Features

- Rugged Finger Print Algorithm:** Equipped with most reliable fingerprint matching algorithm to ensure unrivaled accuracy with best verification results.
- Superior Verification Technique:** Quality score display before registration helps in identifying the ideal finger for routine verification whereas auto finger update helps in keeping the track of finger changes over the period thus adequately taking care of dry, wet & swollen fingers.
- Inbuilt TCP/IP 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.
- Aluminum Die Cast Enclosure:** Rugged aluminum die cast housing is meant to provide extra strength to the device particularly for rough industrial usage.
- Field Upgradable Firmware:** Facility to onsite upgrade the firmware over Ethernet interface so that any customization or new version can be easily upgraded without any need of removing the device.

Advantages

- Highly secured and most reliable
- Most accurate and powerful Finger print sensor
- Embedded Ethernet network interface for high speed connectivity
- Robust metal enclosure for rugged industrial usages
- Various operating modes e.g. Only Finger, Finger+PIN, Finger+Card
- Excellent price performance ratio

Specifications: Hardware

CPU	8 Bit Micro controller 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 than1000 templates
Template Storage	Non volatile memory to store 1900 finger print templates (expandable up to 9000)
Database	15,000 Employees Database with name, birthday schedule, time zone info etc.
Transactions	55,000 time stamped events storage capacity
RTC	Non Volatile Real Time Clock Calendar, Data retention for more than 10 years without external power