



## FingerXs

A rugged and feature loaded time and attendance device.

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**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 HID Prox/HID iClass/Mifare for 1:1 match)
Verification Time	1:1 match < 1 sec, 1:N match < 1 sec less than 1000 employees
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 yrs without external power
Display	16 character x 2 line high contrast backlit LCD, LED indication for verification result
Keypad	12 Keys membrane keypad for local programming
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/30V DC
Digital Inputs	One input for exit switch
Watchdog	Inbuilt watchdog supervisor
Supply Requirement	12V DC/1A switch mode supply
Power	Less than 5 watt
Enclosure	Rugged aluminium die cast housing
Humidity	RH 5-95% non condensing
Weight	0.92Kg
Dimension (mm)	H 116 x W 170 x D 55

**FIRMWARE**

Quality Score	Display of quality score of a finger before confirming the registration
Auto Finger Update	Finger template gets updated every time with latest finger image upon successful verification
Time Zone	16 user defined time zones
Message Display	Provision to display individual/global message
Master Finger	Up to 8 masters & 2 root masters may be registered for local programming
Two Finger Support	Provision to register two fingers per user
Siren Interface	User configurable 32 different time zones for siren or hooter alarm
Authentication Mode	Only finger, Only card, Card + Finger
Template on Card	Supports template on card mode with contactless smart card

Technical specifications may be changed from time to time without any prior notice due to continuous enhancements in the product.



**RIGHT AHEAD**

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