iWATCH STAR

Smart | Trusted | Accurate | Reliable

Smartech

SMARTECH
PM **4:51**
24/02/2016 WED IN

Best Finger Print Technology

Touch Keypad

Speaks your language

USB Drive Support

Save Energy

Smartech®

iWATCH Star from **Smartech**® is an unsupervised time recording system replacing your muster register / punch card / swipe card system.

iWatch Star uses advanced fingerprint verification (biometric) of employees rather than relying upon an arbitrary timecard punch. Fingerprints are unique, so iWatch eliminates the ability to buddy punch-saving the company money in time theft and employee abuse.
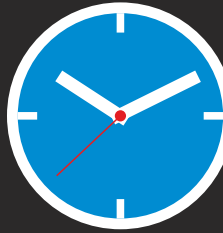
TECHNOLOGY ☆

Best Finger print Technology

iWatch Star uses Suprema finger print technology, whose algorithm ranked top in the internationally recognized Fingerprint Verification Competition.
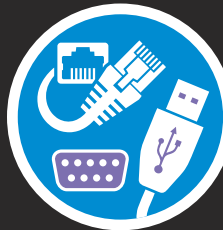
Accurate Real Time Clock

iWatch Star real time clock has an accuracy of +/-2 min per year, so there's no need to update time now and then.
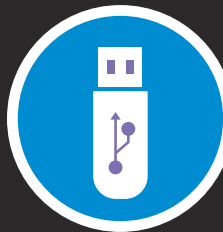
Large Storage Capacity

iWatch Star can enroll up to 950 employees with two templates per employee and can store up to 1,00,000 records.

Multiple Connectivity Options

iWatch Star can be connected to PC using LAN port or USB port or serial port (RS232 / RS485)

USB Drive Support

USB port on iWatch star can be used for downloading records or for taking backup of employee fingerprint data.

DESIGN ☆

Ergonomics

Touch keypad is ergonomically designed for ease of use.

Compact

iWatch Star is compact, sleek and blends well with different interiors.

Dust Protection

iWatch Star sensor can be protected from dust by closing the shutter provided.

USER INTERFACE ☆

Touch Keypad
Capacitive touch keypad for ease of use, aesthetics and long life

Speaks your language
Besides English iWatch Star speaks in Indian languages like Hindi, Marathi, Gujarati, etc.

Graphical LCD
Simple to use, menu driven Graphical Interface with animations for enrollment and verification.

Multi-Colour LCD Backlight
iWatch Star LCD back light turns GREEN for OK conditions and turns RED for Error conditions.

00015 SACHIN ✓ TIME RECORDED
00015 SACHIN ✗ VERIFY FAILED

Messaging
Schedule a message for an Employee, wish him a Happy Birthday and schedule messages / greetings for all employees.

SACHIN ✓ WISH YOU A VERY HAPPY BIRTHDAY

WATCH Star is accurate
In/out timing is accurately recorded. No more manipulations of in/out timings.

iWATCH Star is fast
Faster recording of timings, quick generation of reports and payslips, instant access to information on absentees, late comers, etc.

iWATCH Star is cost-efficient
Perfect calculation of work-hours, overtime, etc. and man-hours saved in fast generation of reports and payslips.

POWER MANAGEMENT ☆

Auto On & Off
IWatch Star is designed for power saving with features like low power consumption, scheduled On & Off and Auto Power Off.

In-built Battery Backup
In-built Smart UPS works in spite of power failure and switches off automatically if the unit is idle for more than pre-set time to conserve power.
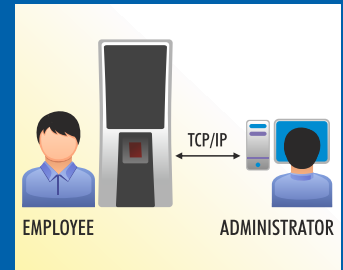
Local & Remote Enrollment

iWatch Star can also be instructed remotely. Once instructed remotely, the employee can enroll his finger when he enters his ID on the iWatch.

LOCAL ENROLLMENT

EMPLOYEE   ADMINISTRATOR
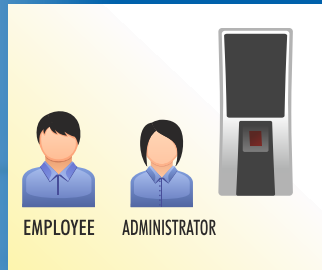
Local Administrator enrolls the employee by logging in iWatch

REMOTE ENROLLMENT

TCP/IP

EMPLOYEE   ADMINISTRATOR

Remote Administrator enrolls the employee by giving command to iWatch

Specifications

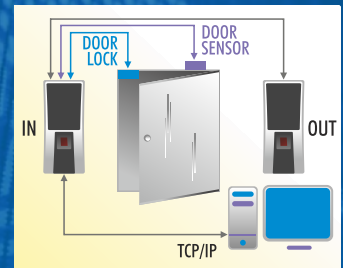| Application	Time Attendance/ Access Control
Sensor	Optical
Sensor resolution	500 dpi
Sensing Area (mm)	16 X 19
Matching Speed (1:N)	<1 sec
Card Options	125KHz/ 13.56MHz ISO1443 A
Capacity	
Template Capacity	1900
Max. User	1000
Log Capacity	1,00,000
Interfaces	
Communication Interfaces	TCP/IP, USB (Slave), RS232, RS485*
Wiegand	In & Out*
Built in Relay	1*
Memory Slot	USB Host
Hardware	
CPU	32-bit 48MHz ARM + 533MHz DSP
LCD Display	128X64 Graphical LCD
LED Indicator	Multi-Colour
Keypad	Capacitive Touch
Voice Instruction	English & Regional Languages*
Operating Voltage	5V DC
Dimension (WXHXD)mm	95 x 219 x 55

Optional Features

Access Control

iWatch Star can also be used to allow selective access to restricted areas and the access can be restricted on time & day basis.

ACCESS CONTROL WITH ONLY IN READER

DOOR LOCK   DOOR SENSOR

IN   OUT EXIT SWITCH

TCP/IP
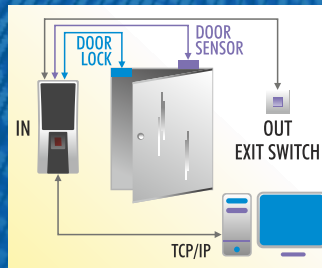
ACCESS CONTROL WITH IN AND OUT READER

DOOR LOCK   DOOR SENSOR

IN   OUT

TCP/IP

Smart Card + Fingerprint

Employees can record their time from multiple locations easily. An Employee can record his attendance simply by showing his smart card and verifying his finger against the template stored in his smart card from the other location.

Siren Control

iWatch Star can be programmed to operate siren

Slave Clock

iWatch Star can be linked to Smartech Digital Clock with digit Height of 2" to 12" for displaying synchronised time.

Mfd. by

Smartech®
ELECTRONIC SYSTEMS

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MAKE IN INDIA

Design & Specifications are subject to change without notice.   * Model Specific features