

Universal Marketing



PREVENTION AUTHENTICATION IDENTIFICATION SECURITY ACCESS

Biometrics & Security Solutions

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ULtra Attendance & Access Control



- Capacity : 1,000 users, 1,000 valid cards
1,000 password, 1,000 fingerprint
100,000 records, 50,000 event
- Display : 2.4-inch LCD-TFT display screen
- Interface : TCP/IP, 10/100Mbps, self -adaptive,
Network Interface -1, USB -1,
- Power supply : 5 VDC/1 A (with adapter)
- Working temperature: -10 °C to 55 °C (14 °F to 131 °F)
- Working humidity : 10% to 90% (No condensing)
- MIFARE : Optional
- Dimension : 140 mm × 155 mm × 30 mm
- Battery : Built in

Compatible S/W - ULtra, ULtraIDMS, Tams9.0, iAS Web, ULtraWeb Professional

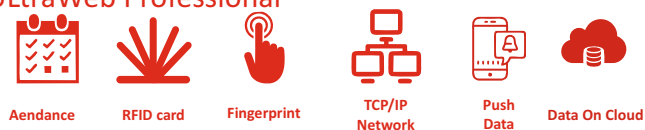
ULtraFP8503 Fingerprint Time Attendance



- Capacity : 1000 fingerprint, 1000 users
1000 valid cards, 1000 password
100,000 records, 50,000 event
- Display : 2.4-inch LCD-TFT display screen
- Interface : TCP/IP, 10/100Mbps, self -adaptive
Network Interface -1, USB-1
- Power supply : 5 VDC/1 A
- Working temperature : -10 °C to +55 °C (14 °F to +131 °F)
- Working humidity : -10 °C to +55 °C (14 °F to +131 °F)
- MIFARE : Optional
- Dimension : 140 mm × 155 mm × 30 mm
- Tamper alarm : Support
- 3rd party door : Exit button x 1, Relay (lock output) x 1
bell access

Compatible S/W - ULtra, ULtraIDMS, Tams9.0, iAS Web, ULtraWeb Professional

ULtraFPT20 Fingerprint Time Attendance with access control



Time Attendance Series



User Capacity : 3,000 (Fingerprint / Password)
Log Capacity : 1,60,000
LCD Display Screen : 2.4" TFT Color Screen
Communication Interface : TCP/IP,USB
FAR(False Acceptance Rate) : <0.0001%
FRR (False Rejection Rate) : <1%
Verification Speed : <1 Second
Power Supply : 5V / 1A
Access Control : NO
Battery Backup : NO

Compatible S/W - iAS, iAS Web, Bio iDMS

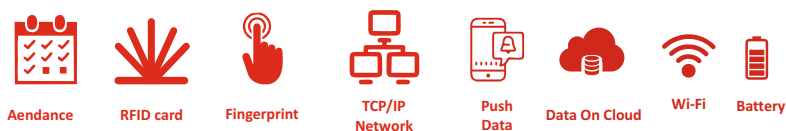
Bio-31



Card capacity : 3,000
Fingerprint capacity : 3,000
Password capacity : 3,000
Event capacity : 1,00,000
Attendance records : 1,50,000
USB Interface : USB2.0, Type A, TCP/IP, Wi-Fi
LCD Screen : 2.8-inch 320 x 240 LCD-TFT Display
Key Board : Physical Keys (No Back Light)
Audio : 1 Buzzer, 1 Loudspeaker
Power Supply : 12 VDC/1 A
Working Temperature : -10 ° C to 55 ° C (14 ° F to 131 ° F)
Working Humidity : 10% to 90% (No Condensing)
Application Situation : Indoor
Dimension (L × W × H) : 140 mm × 155 mm × 30 mm
Installation : Surface Mounting, Metal Door Mounting, Desk Stand

Battery : Built-in

Compatible S/W - ULtra, ULtraIDMS, Tams9.0, iAS Web, ULtraWeb Professional



ULtraFP802 Fingerprint Time Attendance

Time Attendance Series & Access Control



Bio-1+

User Capacity : 5,000 (Fingerprint / Password /Card)
 Log Capacity : 1,60,000
 LCD Display Screen : 2.4" TFT Color Screen
 Communication Interface :TCP/IP,(Host & Slave) Wi-Fi, USB,
 Weigand support
 FAR(False Acceptance Rate) : 0.00001%
 FRR (False Rejection Rate) : 0.001%
 Verification Speed : <0.5 Sec
 Power Supply : 12V / 2A
 Sensor : 600DPI
 Wi-Fi : Built-in
 Card reader : Support exit reader

Compatible S/W - iAS, iAS Web, Bio iDMS

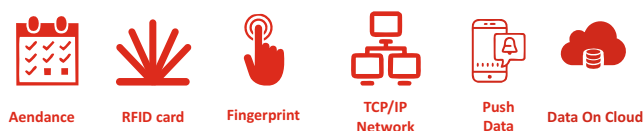


ULtraFP804

Fingerprint Access Control Attendance Terminal

Capacity : Up to 3,000 fingerprint
 Up to 3,000 Valid Cards;
 Up to 3,000 password
 Up to 100,000 Event Records;
 Display : Up to 150,000 Attendance Records
 Interface : 2.4-inch 320 x 240 LCD-TFT Display Screen
 TCP/IP, RS-485 (For (W26/W34) and Input
 Secure Door Control Unit), (Wiegand 26/34)
 Wiegand Output
 Dimension : 205 mm x 76.5 mm x 37 mm
 Wi-Fi : Support
 Fingerprint exit reader : Support
 MIFARE : Optional

Compatible S/W - ULtra, ULtraIDMS, Tams9.0, iAS Web,
 ULtraWeb Professional





User Capacity : 500 [FP/Card]

Log Capacity : 1,00,000

LCD Display Screen : 3" TFT Color Screen

Communication Interface : TCP/IP, USB (Host & Slave, Weigand), RS-485

Sensor : 600DPI

FAR(False Acceptance Rate) : <0.0001%

FRR (False Rejection Rate) : <1%

Verification Speed : <1 Second

Operating Voltage : 12V / 2A

Professional Access Control : Built-In

*24V Relay Output

Compatible S/W - iAS, iAS Web, Bio iDMS

Bio-28/12



Fingerprint Fully Glass Door Lock



Power Supply : 4.5V-6.5V (4 dry batteries)

Typical static current : 55mA

Working Current : 250mA (Strong driving force)

Statistic Current : 30 UA (Strong driving force)

Unlocking Mode : Fingerprint, Password, ID Card
(Available for remote control)

Password for opening door : 1,000 Units

Fingerprint for opening door : 500 Units

Cards for Opening door : 1,000 Units

Searchable record : 1,000 Units

Resolution : 500 DPI

False rejection Rate : 0.15%

False Accept Rate : 0.00004%

Working Temperature : -30°C -50°C

Relative Temperature: 20% - 93%

Bio FGL-14

Face Recognition Series



ATF-305

User Capacity : 500
 Face Capacity : 500
 Fingerprint Capacity : 5,000
 Card / Password : 500
 Log Capacity : 1,60,000
 LCD Display Screen : 2.4" TFT Color Screen
 Communication Interface : TCP/IP,USB/Wi-Fi
 FAR(False Acceptance Rate) : <0.0001%
 FRR (False Rejection Rate) : <1%
 Power Source : 12V DC / 2A
 Access Control : Time Zone Settings
 Battery Back Up : Built-In

Compatible S/W - iAS, iAS Web, Bio iDMS



ATF-305+

User Capacity : 1,200
 Face Capacity : 1,200
 Fingerprint Capacity : 3,000
 Card / Password : 1,200
 Log Capacity : 2,00,000
 LCD Display Screen : 2.4" TFT Color Screen
 Communication Interface : TCP/IP,USB,Wi-Fi
 FAR(False Acceptance Rate) : <0.0001%
 FRR (False Rejection Rate) : <1%
 Power Source : 12V DC / 2A
 Access Control : Time Zone Settings
 Battery Back Up : Built-In

Compatible S/W - iAS, iAS Web, Bio iDMS





ATF-686N

Face Capacity : 2,000
 Fingerprint Capacity : 10,000
 Card/Password : 2,000/2,000
 Logs : 2,00,000
 Display 2.8" color LCD display
 Communication : USB, TCP/IP, Weigand, RS232, RS485
 Power Supply : 12V/2A
 Battery Backup: Yes
 Stand-by time : 4 Hours
 POE : Optional
 Wi-Fi : Optional
 Anti-Pass back

Compatible S/W - iAS, iAS Web, Bio iDMS



Push Technology



ATF-395

User Capacity: 3,000
 Face Capacity : 3,000
 Fingerprint/Card/Password : 3,000
 Log Capacity: 3,00,000
 LCD Display Screen: 2.8" TFT Color Screen
 Communication Interface: TCP / IP, USB
 FAR(False Acceptance Rate) : <0.0001%
 FRR (False Rejection Rate): <1%
 Power Source: DC 12V,1A
 Access Control : Time Zone Settings(Optional)
 Battery Back Up: Built-In

Compatible S/W - iAS, iAS Web, Bio iDMS

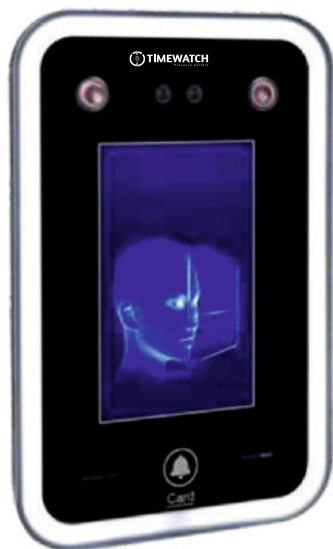




ATF-963

User Capacity : 10,000
 Face Capacity : 10,000
 Fingerprint / Card / Password : 30,000
 Log Capacity : 2,00,000
 LCD Display Screen : 4.3" TFT Color Screen
 Communication Interface : TCP / IP, USB(host and slave),
 1 x Relay and wiegand In & Out
 FAR(False Acceptance Rate) : <0.0001%
 FRR (False Rejection Rate) : <1%
 Power Source : 12V DC / 2A
 Access Control : Optional
 Battery Backup : Built-In

Compatible S/W - iAS, iAS Web, Bio iDMS



VF02

Case Material : Aluminum Alloy
 CPU Processor : 4 Core 1.2G
 ROM : 8GB
 RAM: 1GB
 Display Screen : 5 inch Electronic Capacity Touch Screen
 Keypad: Touch Virtual Keypad
 User ID Capacity : 5,000
 User Record Capacity: 2,000,000
 Face Recognition Mode : 1:1, 1:N
 Face Capacity: 5,000
 Communication Method: TCP/IP, USB type-A port , Wi-Fi

Compatible S/W - iAS, iAS Web, Bio iDMS





Operating system	: Linux
Screen	: 3.97-inch touch screen
Camera	: 2MP dual-lens camera
Face capacity	: 300
Face recognition distance	: 0.3 to 1.5m
Face recognition duration	: <0.2S
Network interface	: 10/100 Mbps, self-adaptive
Card capacity	: 1,500 with external reader (RS-485)
Event capacity	: 1,50,000
Communication	: TCP/IP
Power supply	: 12V, 1.5A
Work humidity	: 10 to 90% (no condensing)
Working temperature	: -10°C to +50°C
Dimension (W X H X D)	: 120mm x 110mm x 23mm

Compatible S/W - Ultra, ULtraIDMS, Tams9.0, iAS Web, UltraWeb Professional

ULtraFAce331



Operating system	: Linux
Screen resolution	: Touch screen with 800 x 480
Screen Size	: 4.3 inch
Camera	: 2MP
Face capacity	: 1,500
Face recognition distance	: 0.3 to 3m
Card capacity	: 1,500
Fingerprint capacity	: 1,500 (optional)
Event capacity	: 1,50,000
Card reading distance	: 0 to 3cm
Card reading duration	: < 1s
Card type	: Mifare
Wi-Fi	: Optional
Audio output	: Built-in loudspeaker
Video standard	: PAL (default) and NTSC

Compatible S/W - Ultra, ULtraIDMS, Tams9.0, iAS Web, UltraWeb Professional

ULtraFAce341/ ULtraFAce341FP



Thermal Face Recognition With Temperature And Mask Detection



Operating system	: Linux
Temperature measurement	: 30°C to 45°C (86°F to 113°F)
Sensor resolution	: 120 x 600
Frame rate	: 25 fps
Screen size	: 7inch touch screen
Camera	: 2MP dual-lens, touch screen
Face capacity	: 6,000
Face recognition distance	: 0.3 to 1.8m
Card capacity	: 6,000
Event capacity	: 50,000
Measurement accuracy	: 0.1°C
Network	: Wired network
Card type	: Mifare
Card reading distance	: 0 to 5cm
Screen Size	: 7-inch

Compatible S/W - Ultra, ULTraiDMS, Tams9.0, iAS Web, ULTraWeb Professional

ULtraFace607TM



Operating system	: Linux
Temperature measurement	: 30°C to 45°C (86°F to 113°F)
Sensor	: Vanadium Oxide uncooled sensor
Screen resolution	: 1024 x 600
Frame rate	: 25 fps
Camera	: 2MP dual-lens camera
Face capacity	: 50,000
Face recognition distance	: 0.3 to 2m
Card capacity	: 50,000
Card type	: Mifare
Card reading distance	: 0 to 5cm
Event capacity	: 1,00,000
Wired network	: support 10/100/1000Mbps
Screen size	: 7 inch touch screen
Tamper	: Support

Compatible S/W - Ultra, ULTraiDMS, Tams9.0, iAS Web, ULTraWeb Professional



ULtraFace671TM

IRIS Recognition System

TW-EF45



The TW-EF45 next generation dual iris imaging system provides unprecedented subject ease of use through a highly innovative and intuitive user positioning approach. Subjects will view their own face in a front-facing, high resolution 5.0 inch color display to position themselves correctly within the real-time graphic interface. In addition, this system features an expansive capture range of 35 to 45 cm in

enrollment mode. The normal external communication to host systems and clients is through TCP/IP via an Ethernet connection, but USB connectivity to a local PC host is available. The embedded architecture allows for on-board iris and face template generation and matching against a local data base.

The TW-EF45 is offered in two basic hardware configurations: the TWEF45AC version is for physical access control (PACS), time & attendance and similar applications, and includes an embedded MiFare card reader plus a wall mount bracket and a full set of I/O connectors; the TW-EF45ID version is for general identity management applications, and does not include the card reader. A Wi- foption is available

1. On-board data storage : Standard: 10,000 IRIS template pairs (useful for 1:N authentication mode) with match speed of about 1.0 second
2. Optional: 40,000 iris template pairs with match speed in 1:N mode of about 1.0 second Face data base size of 1,000 face templates, with 1:N match speed of about 1.0 second
3. Dual factor authentication with iris recognition : Smart card and PIN options for more secure authentication
4. IRIS image pixel resolution : 640 x 480 pixels, 8 bit depth. Supports multiple formats.
5. IRIS time of capture : Typically about 0.5 second from time the subject's eyes are properly placed within capture volume
6. Face image capture: Standard 24 bit color and NIR, both accessible from SDK
7. Weight : 630 g without wall plate
8. Network interface , standard : 10/100 Base-T Ethernet (RJ45 connector)

UHF Reader



Long Range UHF Active Reader

Fhss Or Fix Frequency Transmission
 Effective Distance Up To 80m
 Low Power Dissipation
 +9DC Power Supply
 Supports RS232 / RS485 / Wiegand Interface
 Software Programmable Read Range Setting
 Active Tag :
 Embedded battery
 Card life up to 3 years
 long range

TIPL 80A



Wiegand 26bits/ Wiegand34bits Standard Format
 Data Output
 Less than 0.2 second Response Speed
 Less than 0.5 seconds Proximity Time Distance:
 30cm-100cm Proximity Range dependence on Cards Quality
 Support EM 125Khz ID card or compatible with it
 Built-in Antenna
 Built-in LED (Double Color LED)
 Built-in Loud Speaker (Buzzer) *DC 12V Working Voltage,
 70mA Working Current

TW-EMID-1M

ULtra High UHF Reader



ULtraUHF06

Frequency	: 865~868MHz (EU standard), 902~928 Mhz (US standard)
Protocol	: ISO18000/6C (EPC GEN2)
Built-in antenna	: 6dbi circular antenna
Work mode	: Active / trigger / answer / password mode (optional)
RF power	: 26 dbm (adjustable)
Read distance	: 5~6m (depends on tag)
Interface	: Rs232 / USB/WG26/RELAY, TCP/IP, POE, Wi-Fi (optional)
Power supply	: 9~36V
Reader size	: 190 x 190 x 30mm
Net weight	: 0.75kg
Operating Temp	: -10 ~ +55° C
Storage Temp	: -20 ~ +75° C
Protection	: IP66



ULtraUHF12

Frequency	: 865~868MHz (EU standard), 902~928 Mhz (US standard)
Protocol	: ISO18000/6C (EPC GEN2)
Built-in antenna	: 12dbi Linearr antenna
Work mode	: Active / trigger / answer / password / Mask mode (optional)
RF power	: 26 dbm (adjustable)
Read distance	: 12~15m (depends on tag)
Interface	: Rs232 / USB/WG26/RELAY, TCP/ IP, POE, Wi-Fi (optional)
Power supply	: 9~36V
Reader size	: 445 x 445 x 80mm
Net weight	: 9.5kg
Operating Temp	: -10 ~ +55° C
Storage Temp	: -20 ~ +75° C
Protection	: IP 66
Indication	: LED



ULtraUHF09

Frequency	: 865~868MHz (EU standard), 902~928 Mhz (US standard)
Protocol	: ISO18000/6C (EPC GEN2)
Built-in antenna	: 9dbi circular antenna
Work mode	: Active / trigger / answer / password mode (optional)
RF power	: 26 dbm (adjustable)
Read distance	: 5~6m (depends on tag)
Interface	: Rs232 / USB/WG26/RELAY, TCP/IP, POE, Wi-Fi (optional)
Power supply	: 9~36V
Reader size	: 260 x 260 x 60mm
Net weight	: 1.2kg
Operating Temp	: -10 ~ +55° C
Storage Temp	: -20 ~ +75° C

Note

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ULtra Network Access Controller



Capacity	: Storage for 10, 000 Valid Cards Information and 50, 000 Card Swiping Records
Display	: No
Interface	: Door Sensor × 2 Exit Button × 2 Case Input × 2 Output Interface Lock Relay × 2, Alarm Relay × 2
Card reader	: 4, 2 in, 2 out
Dimension	: 285mm × 237mm × 69mm
Working Temperature	: 20°C to +65°C (-4°F to +149°F)
Working Humidity	: 10% to 90% (Non-Condensing)
Built-in Clock	: Yes
Working Voltage	: DC 12V

ULtraAC200 Network Access Controller



Capacity	: Storage for 10, 000 Valid Cards Information and 50, 000 Card Swiping Records
Display	: No
Interface	: Door Sensor × 2 Exit Button × 2 Case Input × 2 Output Interface Lock Relay × 8, Alarm Relay × 8
Card reader	: 4, all for in
Dimension	: 285mm × 237mm × 69mm
Working Temperature	: 20°C to +65°C (-4°F to +149°F)
Working Humidity	: 10% to 90% (Non-Condensing)
Built-in Clock	: Yes
Working Voltage	: DC 12V

ULtraAC400 Network Access Controller



ULtraAC2602 Network Access Controller

Capacity	: Cards Information:100,000 (200,000 Expandable) Access Control Events :300,000 (600,000 Expandable)
Reader	: Weigand x 4, RS-485 x 4
Display	: No
Interface	: Alarm Input x 4 Door Sensor x 2 Exit Button x 2 Case Input x 4 Tamper Alarm x 1
Dimension	: 370mm x 345mm x 90mm
Working Temperature	: 20°C to +65°C (-4°F to +149°F)
Working Humidity	: 10% to 90% (Non-Condensing)
Support	: Fingerprint reader
Fingerprint capacity	: 5,000 (expandable)



ULtraAC 2604 Network Access Controller

Capacity	: Cards Information:100,000 (200,000 Expandable) Access Control Events :300,000 (600,000 Expandable)
Reader	: Weigand x 4, RS-485 x 8
Display	: No
Interface	: Alarm Input x 4 Door Sensor x 2 Exit Button x 2 Case Input x 4 Tamper Alarm x 1
Dimension	: 370mm x 345mm x 90mm
Working Temperature	: 20°C to +65°C (-4°F to +149°F)
Working Humidity	: 10% to 90% (Non-Condensing)
Support	: Fingerprint reader
Fingerprint capacity	: 5,000 (expandable)

Access Control Reader

It supports fingerprint detection and captures fingerprint image fast, with high resolution. The product is tiny in size and easy to perform fingerprint registration on the desktop. Low power consumption. It supports fingerprint detection and captures fingerprint image fast, with high resolution. The product is tiny in size and easy to perform fingerprint registration on the desktop. We provide SDKs for customers to develop their own applications.



CPU	: 32 bit MCU
Fingerprint Reader	: Optical, Red Backlight
Resolution	: 508 dpi
Fingerprint Template Size	: 256 x 288 pixel
Communication Interface	: USB 2.0
Operation Voltage	: 5VDC, 200ma
Working Temperature	: -30°C to 70°C
Working Humidity	: 20% to 80%
Operation System	: Windows XP, Windows 7 and Windows 10
Dimension in mm	: 100(L) X 48 (W) X 35(H)

ULtraFP820

Optical Fingerprint Recorder



Process	: 32 bit high-performance processor
Fingerprint module	: Optical Fingerprint Module
Fingerprint capacity	: 5000
Reading mode	: Built-in Mifare, Proximity (optional)
Communication mode	: RS-485
Transmission rate	: 19200bps-N-8-1
False acceptance rate (FAR):	≤ 0.001%
False rejection rate (FRR)	: ≤ 0.01%
Comparison mode	: 1:1/1:N
Comparison time	: 1:1 ≤ 1 s; 1:3000 ≤ 1.5 s
LED indicator	: Power/ Communication
Prompt	: Buzzer
Alarm	: Tamper alarm × 1
Induction distance	: 30 mm to 100 mm
Power supply	: 12 VDC ± 10%
Working temperature	: -40 °C to 70 °C (-40 °F to 158 °F)
Working humidity	: 10% to 90% (No condensing)

ULtraFP1201

Fingerprint & Card Reader

Fingerprint Scanning Reader

Fingerprint reader with RS485 communication interface works with biometric access controllers and fingerprint standalone access control, including ULtra series controllers, and so on. It offers the function of capturing and transferring fingerprint samples to access control panel.



ULtraACR802E Card Reader

Power Supply	: 12V DC
Power Consumption	: ≤2W
Processor	: 8-bit
Reading Frequency	: 125KHz/13.56MHz
Reading Range	: ≤50mm (≤1.97")
Radio Frequency	: ISO 11784/11785/ISO14443-A
Audio Alert	: Beeper
Keypad	: No Keypad
LED Indicator	: Power Indicator, Status Indicator
IP65	: Standard
Audio alert	: Beeper

Note

Elevator Controller

The elevator controller contains master elevator controller and distributed elevator controller. It can be applied to buildings, public areas and so on. TW-EC2210 master elevator controller supports up to 128 floors' permissions. It also supports TCP/IP communication. And RS-485 communication with the distributed elevator controller, the card reader, the video intercom devices, etc. is also supported. You can also control the device by the web client, Tams software etc.



TW-EC16A

Processor	: 32bit
RS-485 interface	: 2
Alarm Input	: 2
Relay Output	: 16
Buzzer	: 1
tamper-Proof	: 1
Working Temperature	: -40°F to 158°F
Working Humidity	: 0% to 90%
Power Supply	: 12VDC+-15%
Dimensions in mm	: 167(L) X 105 (w) X 30 (H)
Installation	: Guide Rail Installation
Fingerprint/card reader	: Support



TW-EC2210

Processor	: 32bit
Communication	: TCP/IP, RS-485, and Wiegand
Normal card/Event	: 20,000 cards & 50,000 event
Internal Clock	: Support
Card Reader	: up to 2Rs-485 card reader or 2 wiegand card reader
Input Interface	: 1 panic button, 1 fire alarm button 1 maintenance button
Output Interface	: 5 relay outputs
RTC	: Support
Power Supply	: 12VDC+- 15%
Working Temperature	: -40°F to 158°F
Working Humidity	: 0% to 90%
Dimensions in mm	: 167(L) X 105 (w) X 30 (H)
Installation Type	: Guide rail installation
Fingerprint card reader	: Support

QR Code Scanner With LAN



QR Code Reader TW-ER80

Size (L*W*H) : 86*86*42mm

MaterialCase : PC Identify panel: Tempered glass

Interface : Wiegand26,34,RS485, RS232,USB,TCP-IP

Decoding support : 4-15V Wide voltage input

Current : 800mA

Reading directions : Camera centric slant 450

Reading range : 0-20CM

Reading feature : auto-induction,beep hint

Light source : With LED light source itself,
anti-highlight interface

Decode Mode : Image decoding

Application environment : Temperature : -20 ~ 700 C

Humidity : 10% ~ 90%

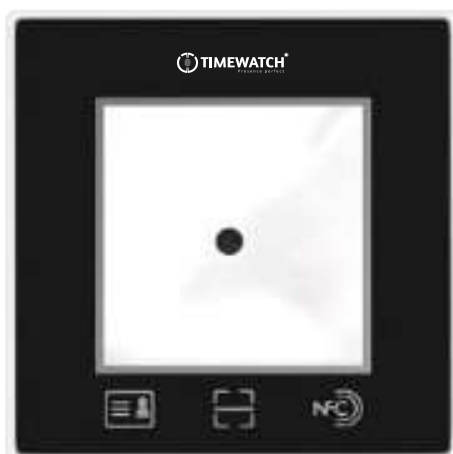
Operate system : Windows (xp 7 8 10) Linux

Indicating status light : Red-Work, Green Feedback,
Light Green-Internet

Reading Rgange : 3-6CM

Reading card type : EM or Mifare card

QR Code Scanner Without LAN



QR Code Reader TW-ER80

Size (L*W*H) : 86*86*42mm

MaterialCase : PC Identify panel: Tempered glass

Interface : Wiegand26,34,RS485, RS232,USB,

Decoding support : 4-15V Wide voltage input

Current : 800mA

Reading directions : Camera centric slant 450

Reading range : 0-20CM

Reading feature : auto-induction,beep hint

Light source : With LED light source itself,
anti-highlight interface

Decode Mode : Image decoding

Application environment : Temperature : -20 ~ 700 C

Humidity : 10% ~ 90%

Operate system : Windows (xp 7 8 10) Linux

Indicating status light : Red-Work, Green Feedback,
Light Green-Internet

Reading Rgange : 3-6CM

Reading card type : EM or Mifare card

EM Locks & Brackets



EM Lock 300LBS



EM Lock 600LBS



EM Lock 1200LBS



EM Lock 600LBS
with feedback



EM Lock 1200LBS
with feedback



Drop bolt with feedback
for framed door



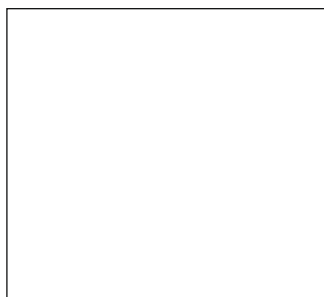
Drop bolt without feedback
for framed door



Drop bolt with feedback
for frameless door



Z Bracket



U Bracket



L bracket

Exit Button & SMPS / Power Supply



No touch button



Big push button



Small push button

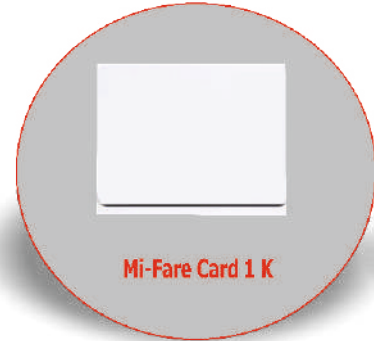


Power supply 12V 2 AMP



Power supply 12V 5 AMP

Proximity / Mi-Fare / UHF Cards



Note



Gate & Entrance Automation Series

Tripod Turnstile Gate Barrier

Key Features

- ▶ Selectable operating modes- single direction, bi-direction, always free or always locked
- ▶ LED Direction indicators at each side
- ▶ IP44 Ingress Protection Rating
- ▶ Automatic reset of barrier gate after each passage
- ▶ Integration support with any RFID/Biometric Reader through NO input



Turnstile TW- T1000

Technical Specification:

Passage width	: 550mm
Throughput rate	: Up to 15 p/m
Power supply	: 220~240 V AC
Operational voltage	: 24 V DC
Max power consumption	: 32W
Frequency	: 50~60 Hz
Protection level	: IP 44
Working temperature	: -25~+70°C
Electro-magnetic drive	: DC
Dimension excluding bars	: 480x280x960



100% Duty Cycle



Delay Time



LED direc Indica



Wired terminal



Ra



Turnstile TW-1200

Technical Specification:

Passage Width	: 520mm
Power Supply	: 100 ~ 240V
Throughput rate	: 35p/m
Max Power Consumption	: 30 W
Operational Voltage	: 24V
Protection Level	: IP 54
Frequency	: 50~60hz
Electro - magnetic Drive	: DC
Working Temperature	: -25oC ~ +70oC
Dimension	: 600 x 330 x 980 mm



100% Duty Cycle



Delay Time



LED direc Indica



Wired terminal



Ra

Key Features

- ▶ Selectable operating modes- single direction, bi-direction, always free or always locked
- ▶ Heavy-duty design for 24 hours continue application
- ▶ LED Direction indicators at each side
- ▶ IP44 Ingress Protection Rating
- ▶ Automatic reset of barrier gate after each passage
- ▶ Integration support with any RFID/Biometric Reader through NO input



Turnstile TW- T2000

Technical Specification:

Passage width	: 550mm
Throughput rate	: Up to 15 p/m
Power supply	: 220~240 V AC
Operational voltage	: 24 V DC
Max power consumption	: 32W
Frequency	: 50~60 Hz
Protection leve	: IP 44
Working temperature	: -25~+70°C
Electro-magnetic drive	: DC
Dimension excluding bars	: 480x280x960



Turnstile TW-T2200

Technical Specification:

Size	: 480x280x980mm
Unlock time	: 0.2s
Pass rate	: 35 person/min
Pass width	: ≤550mm
Input	: 100V~240V
Motor voltage	: 24v
Environment	: -25~+70
Power consumption	: 30w



Flap Barrier Gate

Key Features

- ▶ Heavy duty stainless steel Flap Barrier
- ▶ LED Direction indicators at each side
- ▶ Selectable operating modes- single direction, bi-direction, always free or always locked
- ▶ IP 44 Weatherproof Protection rating
- ▶ Integration support with any RFID/Biometric Reader through NO input



Technical Specification:

Passage width	: 550mm
Throughput rate	: 35 p/m
Power supply	: 100~240 V AC
Motor voltage	: 24 V DC
Max power consumption	: 35W
Frequency	: 50~60 Hz
Protection level	: IP 44
Working temperature	: -25°C~+70°C
Electro-magnetic drive	: DC
Dimension	: 1200x280x980mm

Flap Barrier TW-FB2000



Technical Specification:

Passage width	: 550mm
Throughput rate	: 35 p/m
Power supply	: 100~240 V AC
Motor voltage	: 24 V DC
Max power consumption	: 35W
Frequency	: 50~60 Hz
Protection level	: IP 44
Working temperature	: -25°C~+70°C
Electro-magnetic drive	: DC
Dimension	: 1200x280x980mm



Flap Barrier TW-FB2200

Key Features

- ▶ Heavy duty stainless steel Flap Barrier
- ▶ LED Direction indicators at each side
- ▶ Selectable operating modes- single direction, bi-direction, always free or always locked
- ▶ IP 44 Weatherproof Protection rating
- ▶ Integration support with any RFID/Biometric Reader through NO input



Flap Barrier TW-FB3000

Technical Specification:

Passage width	: 550mm
Throughput rate	: 35 p/m
Power supply	: 100~240 V AC
Motor voltage	: 24 V DC
Max power consumption	: 35W
Frequency	: 50~60 Hz
Protection level	: IP 44
Working temperature	: -25°C~+70°C
Electro-magnetic drive	: DC
Dimension	: 1410x300x990mm



100% Duty Cycle



Delay Time



LED direction Indica



Wired terminal



Ra



Flap Barrier TW-FB3300

Technical Specification:

Passage width	: 550mm
Throughput rate	: 35 p/m
Power supply	: 100~240 V AC
Motor voltage	: 24 V DC
Max power consumption	: 35W
Frequency	: 50~60 Hz
Protection level	: IP 44
Working temperature	: -25°C~+70°C
Electro-magnetic drive	: DC
Dimension	: 1410x300x990mm



100% Duty Cycle



Delay Time



LED direction Indica



Wired terminal



Ra

P Type / Swing Barrier Gate

Key Features

- ▶ LED Direction indicators at each side
- ▶ Selectable operating modes- single direction, bi-direction, always free or always locked
- ▶ IP54 Ingress Protection rating
- ▶ Automatic reset of barrier gate after each passage
- ▶ Integration support with any smart card, RFID/Biometric Reader through NO input
- ▶ Top quality AISI 304 grade SS construction
- ▶ Heavy-duty design for 24 hours continue application
- ▶ Passage clearance up to 600mm



Technical Specification:

Passage width	:	600mm (900mm Optional)
Throughput rate	:	10 to 20 p/m with access control and without access control
Drive	:	Electro machanical motor
Locking mechanism	:	Automatically
Fail safe & Fail lock	:	Fail safe & Fail lock variants in the event of removal of power suppl
Power supply	:	100~240 V A
Operational voltage	:	24 V DC
Frequency	:	50~60 Hz
Humidity	:	95% non-condensing
Protection level	:	IP54
Working temperature	:	-10 C ~+55C
Power consumption	:	35W
Dimension	:	200x200x980mm



100% Duty
Cycle



Delay Time



LED direc
Indica



Wired terminal

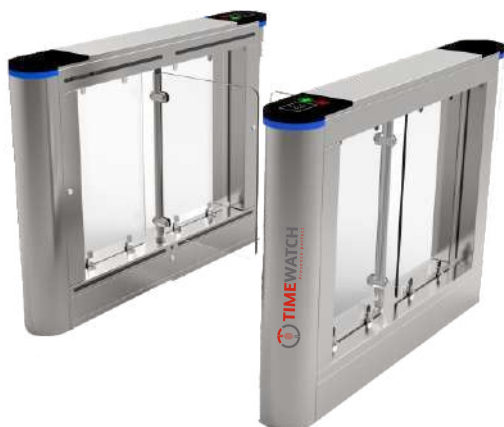


Ra

**P Type Swing Barrier
TW-SBT1000**

Key Features

- ▶ Heavy duty stainless steel Swing Gate Barrier with Fiber glass gates LED Direction indicators at each side
- ▶ Selectable operating modes- single direction, bi-direction, always free or always locked
- ▶ IP 44 Ingress Protection rating Automatic reset of barrier gate after each passage
- ▶ Adjustable time out delay
- ▶ Double anti-clipping function, photocell anti-clipping and mechanical anti-clipping
- ▶ Integration support with any RFID/Biometric Reader through
- ▶ NO input



Swing Barrier TW- SBT3000

Technical Specification:

Passage width	: <900mm
Throughput rate	: 35 p/m
Power supply	: 100~240 V AC
Operational voltage	: 24 VDC
Max power consumption	: 35W
Frequency	: 50~60 Hz
Protection level	: IP 44
Working temperature	: 25°C~+70°C
Electro-magnetic drive	: DC
Dimension	: 1400x185x1020mm



100% Duty Cycle



Delay Time



LED direction Indica



Wired terminal



Ra



Swing Barrier TW- SBT3300

Technical Specification:

Dimension	: 1400x300x990mm
Unlock time	: 0.2s
Pass rate	: 35 person/min
Pass width	: ≤550mm
Input	: 100V~240V
Motor voltage	: 24v
Environment	: -25~+70
Power consumption	: 35w

Operating mode:

- ▶ Single passage in the set direction
- ▶ Bi-directional single passage
- ▶ Free passage in the set direction
- ▶ Always free or locked



100% Duty Cycle



Delay Time



LED direction Indica



Wired terminal



Ra

Speed Gate Barrier

Key Features

- ▶ Semi-automatic mode: After reading card the passenger pushes the arm by hand until he goes through the barrier and the arm arrives in home position.
- ▶ Full-automatic mode: The passenger pushes the arm a little strength after reading card, and the arm will automatically rotate forward by motor power until the arm arrives in home position.
- ▶ Pure mechanical mode: The passenger pushes the arm by hand until he goes through the barrier.
- ▶ Single or bi-directional function in mechanical and electrical versions.
- ▶ Automatic reset of barrier arms after each passage.
- ▶ Cable or wireless remote control panel key override control for emergency situations. Automatically arm drop down when power off or emergency.
- ▶ Adjustable time out delay.



Technical Specification:

Dimension	: 1400x350x980mm
Unlock time	: 0.2s
Pass rate	: 35 person/min
Pass width	: ≤550mm
Input	: 100V~240V
Motor voltage	: 24v
Environment	: -25~+70
Power consumption	: 35w

Operating mode:

- ▶ Single passage in the set direction
- ▶ Bi-directional single passage
- ▶ Free passage in the set direction
- ▶ Always free or locked

Speed Gate TW- SBG3000



100% Duty Cycle



Delay Time



LED direction Indica



Wired terminal



Ra

Full Height Trunstile

Key Features

- ▶ Selectable operating modes-single direction
- ▶ Bi-directional always free or always locked
- ▶ LED direction indicator at each side
- ▶ IP44 ingress protection rating
- ▶ Automatic reset of barrier gate after each passage
- ▶ Adjustable time out delay
- ▶ Integration support with any RFID/Biometric reader through NO input
- ▶ Top quality AISI 304 grade SS construction Heavy-duty design for 24 hours continue the application



TW-FHT2300

Technical Specification:

Dimension	: 1630*1500*2310mm
Unlock Time	: 0.2s
Pass Rate	: 30Person/min
Pass Width	: <650mm
Input	: 100V~240V
Motor Voltage	: 24v
Environment	: -25-+70
Power Consumption	: 30w



TW-FHT2300D

Technical Specification:

Dimension	: 2100 x 1500 x 2310 mm
Unlock Time	: 0.2s
Pass Rate	: Up to 15 p/m
Pass Width	: <650mm
Signal Output	: 12v pulse
Frequency	: 50 or 60 Hz
Electro-magnetic drive	: DC
Certifications	: CE, FCC, ROHS



Security X-Ray Machine

From sizes, it can be divided into three categories:

- 1) X-Ray baggage scanner for small and medium hand bags, suitcase etc., like models AT5030A, AT5030C, AT6040, AT6040B, AT6550, AT6550A
- 2) X-Ray luggage scanner for bigger baggage and luggage, like models TH8065(A), AT8065, AT8065B, TH10080(A), AT10080, AT10080B, TH100100(A), AT100100, AT100100B, AT7550, AT8550.
- 3) X-Ray scanners for pallet cargo in the airport and warehouse like mode AT140100, AT120100, At150180.



TW-AT5030A

Tunnel size(mm): 500(L)*300(W)
 Conveyor Speed(m/s): 0.22
 Conveyor height(mm): 668.5
 Conveyor Max Load(kgs): 100
 X ray dose per each inspection: ≤ 3.5 Gy
 X ray leakage: $1 \mu\text{Gy/h}$ at any point 5 centimeters outside the external surface
 Steel penetration: 32 mm steel
 Wire Resolution: Dia 0.0787mm copper wire (AWG40)
 15.9mm, 22.2mm
 Spatial resolution: Horizontal:dia 1.0mm, Vertical: dia 1.0mm
 Power Consumption: max. 500W
 Monitor: High Resolution Color, 1280*1024 LCD Accord, 17inch
 RAM : 1GB:



TW- AT6550A

Tunnel size(mm) 650(L)*500(W)
 Conveyor Speed(m/s) 0.22
 Conveyor height(mm) 700
 Conveyor Max Load(kgs) 150
 X ray dose per each inspection $\leq 2\mu\text{Gy}$
 X ray leakage $< 1\mu\text{Gy/h}$ at any point 5 centimeters outside the external surface
 Penetration 8 mm steel
 Unit weight (kgs) 420
 Unit size (mm) 2195(L)*902(W)*1362(H)
 after packed in wooden pallet - Gross weight (kgs) 650
 Monitor 1280*1024 LCD 17inch color monitor with one console desk
 Keyboard Special designed
 System Embedded Linux operating system, multi core ARM, stable and reliable
 Electric roller Three-phase
 RAM : 1GB



AT6040B

Tunnel size(mm) : 613(W) x 409.5(H)
 Conveyor Speed: 0.22 m/s forward or backward
 Conveyor height: 663.5 mm
 Conveyor capacity: 150 kg
 Frame design : 304 stainless steel, 2-5 mm cold rolled plate and square steel, double-layer staggered lead impregnated safety curtain
 X ray dose/inspection : ≤ 4.5 Gy
 X ray leakage : $\leq 0.5 \mu\text{Gy/h}$ at any point 5 cm outside the external surface. FDA standard is ≤ 5 Gy/h
 Steel penetration: 38 mm guaranteed
 Wire Resolution: AWG40 guaranteed
 Penetration Resolution: AWG34 guaranteed
 Spatial resolution: 1.0mm Horizontal, 1.0mm Vertical
 Power Consumption max. 0.8KW
 Noise <60 dB
 Film Safety Guarantee ASA/ISO1600 Film
 Monitor: One 17-inch LCD monitors, 1280*1024
 CPU : Intel (R) i3 ® 3.3GHz
 RAM: 4GB
 Hard Disk : 2T



TH6550

Tunnel size(mm): 650(L)*500(W)
 Conveyor Speed(m/s): 0.22
 Conveyor height(mm): 700
 Conveyor Max Load(kgs): 150
 X ray dose per each inspection ≤ 2 Gy
 X ray leakage <1 Gy/h at any point 5 centimeters outside the external surface
 Penetration: 8 mm steel
 Wire Resolution: dia 0.0787mm copper wire (AWG40)
 dia 0.202mm copper wire (AWG32) under three-step aluminum wedge 9.5mm, Penetration c c c c
 Resolution 15.9mm, 22.2mm
 Spatial resolution: Horizontal: dia 1.0mm, Vertical: dia 1.0mm
 Power Consumption : max. 800W
 Noise : <60 dB
 Film Safety : Guarantee ASA/ISO1600 Film
 Monitor : High Resolution Color, 1280*1024 LCD c Accord, 17inch
 RAM: 1GB



Tunnel size(mm) : 800(L)*650(W)
 Conveyor Speed(m/s) : 0.22
 Conveyor height(mm) : 341
 Conveyor Max Load(kgs) : 200
 X ray dose per each inspection : $\leq 4\mu\text{Sv}$
 Penetration : 34 mm steel
 Wire Resolution : dia 0.102mm copper wire (AWG38)
 Power Consumption : max. 1KW
 Noise : <60 dB
 Film Safety : Guarantee ASA/ISO1600 Film
 Anode Voltage : 140-160 KV adjustable
 Ray direction : Downward
 Cooling / Duty Cycle : Sealed oil cooling /100%
 X-ray Sensor : L-Shaped Photodiode Array, 12bit deep
 Image display : High resolution of 1024 * 1280 pixel; Image
 Grey Level: 4096

TW-AT8065



Tunnel size(mm) : 1005(W) x 802(H)mm
 Conveyor speed : 0.22m/s forward or backward
 Conveyor height : 301mm
 Conveyor capacity : 200kg
 Xry dose/inspection : $\leq 4\mu\text{Sv}$
 Steel penetration 32mm guaranteed
 Power consumption : max.1.5KW
 Noise : <60db
 Film safety : Guarantee ASA/ISO1600Film
 Anode voltage : 160KV
 Beam direction : Vertical & Horizontal
 Cooling / Duty Cycle : Sealed oil colling / 100%
 Monitor : 217-inch LCD
 CPU : Intel (R) i3 (R) 3.3 GHz
 RAM : 4GB
 Hard disk : 2T
 Platform : Windows 7 or 10
 Electric roller : 3 Phase

TW-AT10080



TW-TH100100

Tunnel size (mm) : 1000(L) x 1000(W)
 Conveyor speed(m/s) : 0.22
 Conveyor height(mm) : 341
 Conveyor Max Load(kgs) : 200
 X ray dose per each inspection : <- 2.5uGy
 Penetration : 27mm steel
 Wire resolution : dia0.16mm coper wire (AWG34)
 Speed resolution : Horizontal:dia 2.0mm, Vertical dia 2.0mm
 Power consumption : max. 1KW
 Noise <60dB
 Film Safety : Guarantee ASA/ISO1600 Film
 Anode voltage : 140 KV
 Ray direction : Downward
 Colling/duty cycle : Sealed oil cooling/100%
 X-ray sensor : L-Shaped photodiode array, 12 bit deep

Handheld Metal Detector



TW-HH100

Dimension of unit: 410(L)*80(W)*420(H)mm
 Net weight of unit: 400g
 Power: 9v(6F22) alkaline battery, operate voltage 7v-9v
 Sensitivity level : detect pistol at 90mm, six inches knife at 60mm, razor blade at 30mm,pin at 10mm
 Alarm : video LED & audio/video LED & vibration
 Battery : Optional

Traffic Control Spike Barrier / Hydraulic Bollard

At5500 Stainless Steel Tyre Killer is widely used in highway toll station, checkpoints, prisons, airports, government agencies, embassies, military base-station, custom ports, banks, industrial and mining companies, ports, warehouse, parking and all requests to control vehicle in and out from the restricted traffic places.

FEATURES:

Micro-control technology makes system reliable & stable
Easy integrate into other systems
Compatible with road barrier, turnstiles and other access control systems
advanced low-speed motor drive
Swiping card function : built-in card reader (Optional features)



Control system : electric
Power supply: 220v (three phase four wire)
System power : 500w
Weight capacity : 100T
Opening time : 1~3s (can be adjustable)
Closing time: 1~3s(can be adjustable)
Remote control distance : >100m

Tyre Killer (AT5500)

Hydraulic Rising Traffic Bollard

At5200 Hydraulic Rising Traffic Bollards is widely used in highway toll station, checkpoints, prisons, airports, government agencies, embassies, military base-station, custom ports, banks, industrial and mining companies, ports, warehouse, parking and all requests to control vehicle in and out from the restricted traffic places.

Technical Specification:

Control system: electric hydraulic
Power supply: 220v
System power: 300w
Weight capacity: more than 100 tons of container trucks
Opening time : 1.5~3s (can be adjustable)
Closing time: 1.5~3s(can be adjustable)
Blade height: 600mm



AT5200

Parking Management Boom Barrier Series



- 1). Wheel manual release. In case of power off, rotate the wheel manual release on the bottom of the motor to raise the boom manually. When power on, the motor will work normally
- 2). Machine core with strong and double springs, make the machine core works more steadily
- 3). Die-casting aluminum alloy motor, precise and good at thermal radiation
- 4). Crank and rod structure makes the boom run placidly
- 5). Double safety limit switches (photo electricity limit switch and motor memory sensor)
- 6). Reversing on obstacle
- 7). Auto-closing
- 8). Support the infrared photocell for antibumping function (optional)
- 9). Support external and internal vehicle loop detector (optional)
- 10). Traffic light interface (AC220V, can support lamp with 40W)
- 11). Wire control (switch signal)/Remote control (418MHZ)
- 12). Rs485 Communication module (optional)
- 13). Open, close control interface for parking system
- 14). Provide limit state signal to parking system

Technical Specification:

	TW-PB3010	TW-PB3030	TW-PB6060
Working Temperature	-35°C~+60°C	-35°C~+60°C	-60°C~+75°C
Voltage	220V±10%, 110V±10%, 50/60HZ	220V±10%, 110V±10%, 50/60HZ	220V±10%, 110V±10%, 50/60HZ
Rated power	200W	200W	200W
Relative humidity	≤90%	≤90%	≤90%
Remote control distance	≥30m	≥30m	≥30m
Net weight	42kgs	42kgs	42kgs
Arm Speed	0.9s	3s	6s
Max boom length	3 meters	3 meters	6 meters
IP rating	65	55	55

Folding Arm Boom Barrier With Fashionable Design



TW-PB4060FL (Folding)

Key Features

1. Safety photoelectricity limit switch.
1. Advance manual release
2. Full molding design for all the main parts, cast by aluminum alloy, realizing precisely match for each components, realizing non rusting and corrosion-resistant in atrocious weather.
3. Boom can rise and fall on left/right side by setting on the same machine
4. No need to change the balance spring when the boom shorter than 6 meters
5. Support the infrared photocell for anti-bumping(optional)
6. Support for the external and internal vehicle loop detector
7. Auto warming-up, suitable for cold environment
8. Auto-closing
9. RS485 communicational module to realize the intelligent management for the passing
10. Thermal radiates rapidly, no thermal protection
11. Die-casting aluminum alloy machine core and advanced doubled-stage driving motor, effectively solve the problem of mechanism blockup.
12. Special art and craft makes out the most modernize and fashionable housing
13. Safety photoelectricity limit switch.

Technical Specification:

Model Item	: PB3000FL
Running time	: 3sec, 6sec
Boom type	: 90degree folding
Boom length	: 3m, 4m
Boom dimension	: 45 x 100mm
Boom weight	: 8kg
Voltage	: AC220V±
Frequency	: 50/60Hz
Motor voltage	: 220V
Power	: 120W
Working temperature	: -35degree ~+75degree
Protection	: IP44

Fencing Barrier Powerful functions with fashionable design! Your best choice!

Key Features

1. Manual release
 2. Machine core with compression spring, effectively avoids the accidents caused by spring broken.
 3. Die-casting aluminum alloy motor, precision and good at thermal radiating.
 4. Motor cooling fan, solving the problem of heat-protection
 5. Double safety limit switches(photoelectricity limit switch/ motor memory sensor)
 6. Reversing on obstacle
 7. Auto-closing
 8. Support the infrared photocell for anti-bumping(optional)
 9. Support for the external and internal vehicle loop detector
 10. Traffic light interface
 11. Wire control(switch signal)/remote control(418Hz)
- Rs485 communicational module to realize the intelligent management for the passing



TW-PB4060FS (Fencing)

Working environment and data

1. Mechanism temperature -25degree centigrade+85 degree dentigrade
2. Control board temperature -20 degree centigrade+85 degree centigrade
3. Power supply 220V± 10% 50/60 Hz
110V± 10% 50/60 Hz
4. Rated power 120W
5. Relative humidity ≤ 90%
6. Remote control ≥ 30M
7. Net weigh 60 Kg

Technical Specification:

Model Item	: PB3000FS
Running time	: 6sec
Boom type	: 2 fencing, 3 fencing
Boom length	: 4.5 m
Boom dimension	: 45 x 100mm
Boom weight	: 7.5kg
Voltage	: AC220V±
Frequency	: 50/60Hz
Motor voltage	: 220V
Power	: 120W
Working temperature	: -35degree ~+75degree
Protection	: IP44

Explosive & Narcotics Trace Detector



HD300

Hd300 Explosive Disposal Fense Explosion-proof ability: 82-2 hand grenade Explosive Dispose Device gives a safe way to contain explosives during storage and transportation. It prevent the horizontal diffusion of shock waves and debris, when blasting. In this way, this device protects people and wealth surroundings

- ▶ Detect narcotics prohibited by ICAO
- ▶ High sensitivity: 100 Nanogram
- ▶ Accurate and quick result
- ▶ Automatic cleaning system can prevent inject pollution
- ▶ Renewable gas purification system
- ▶ Database open to user, can add new type narcotics
- ▶ TFT LCD color touch screen
- ▶ Support network control and data transfer, with USB interface
- ▶ Minimum 100,000 Retrievable Data Records

Features

- ▶ Dimension: 470mm(W) × 170mm(L) × 197mm(H)
- ▶ Weight: 4.3KG
- ▶ Gross weight (kgs): 15KG
- ▶ Packing size: 565*365*280mm
- ▶ Packing: Shork proof lining safe box with a draw-bar and wheels
- ▶ Technology: Ion Mobility Spectrometry, IMS Trinotrototuo(TNT), Hexogen(RDX), Pentaerythritol tetranitrate(PETN), nitroglycerine, Ammonium nitrate(AN), Black Powder, Dinitrotoluene (DNT),
- ▶ Explosives identify : Tetralite, Octogen(HMX), Nitroxanthic acid, Gena, C4, Semtex explosive, TPTA, HMTD, Nitroguanidine, HNS, Dinitroglycol
- ▶ Nacotics indentify : Cocaine Hydrochloride, Heroin, tetrahydrocannabinol(THC), methamphetamine, Ketamine, Morphine, and so on.
- ▶ Sampling : Wipe sampling Additional option: air inlet sampling, by test paper strimp
- ▶ Databases: open to user, can add new type narcotics
- ▶ Alarm: Sound / Light
- ▶ Sensitivity: 100ng
- ▶ Detection limit: 200pg cocaine
- ▶ Identify speed: ≤ 2 seconds
- ▶ Warm-up time: < 20 minutes
- ▶ False alarm rate: ≤ 1%
- ▶ Display: 2.8 TFT color touch screen
- ▶ Maximum consumption: < 150W
- ▶ Power Input: AC 110-240V/50-60Hz; Output DC 19V/10.5A
- ▶ Operating temperature: -20°C ~ 60°C
- ▶ Humidity: 45% ~ 95%
- ▶ Battery : 14.8V/4400mAh, continual working time> 2h and back up time>12h Option: 6700mAh, continual working time> 3.5h and back up time>24h
- ▶ International : 8ISO19001 ; ISO14001 ; OHSMS18001 ;
- * CE RoHS * FCC

GPS Vehicle Tracking System



TW-400N

Appearance : 140mm*102mm*35mm
 Material : aluminum alloy, 304 stainless steel lock rod
 Power input : DC5V/2A
 Communication : UHF 433(915MHZ) RFID Communication
 GPRS (3G) communication support SMS
 Alarms : Low power alarm; anti break alarm; Anti theft alarm; Drop alarm
 Storage : 2M Flash , >5000 blind spot data stored;
 Battery : ns
 Li battery 15000MA/3.6-4.2V; endurance ability >7 day
 (3 minutes reported in a location informant
 Location : UBLOX GPS,the precise scope of 10 meters



TW-G05

TW-G05 GPS Tracking & Monitoring
 Tracker Remote setup by mobile Phone
 Tracking
 Disable/enable the engine
 Power alert
 Over speed alarm
 Geo Fencing
 GSM/GPRS/SMS
 History trace display



TW-303H

TW-303H Waterproof GPS Tracker
 Remote setup by mobile Phone
 Real time tracking
 Disable/enable the engine Via SMS
 Listening in
 Emergency Panic button
 Power failure alert
 Over speed alarm
 Geo Fencing
 GSM/GPRS/SMS
 History trace display
 Door intrusion alarm Via SMS

Unique Guard Tour System



WM-5000FP

Dimension: 160mm × 50mm × 34mm
 Weight: 314g
 IP Rating: IP67
 Reading Mode: RFID 125 KHz
 Reading distance: 3cm - 5cm
 Communication: Pogo pin USB(Drive-Free), 15000 record uploading/min
 Operating Temperature: -40°C~+85°C
 Battery: 3.7V/2000mAh rechargeable lithium batteries
 Batter Life: 1. Read 500 record a day, turn on the flashlight for 2 hours, for 9 days using.
 2. Read 500 record a day, for 45 days. 16 days after low power.
 3. After low power, for 16 days using.
 Storage Capacity: 16Mbit flash, 60,000 pieces
 Prompt: Vibration + OLED Display + Voice
 Tag ID number: 10 bit hexadecimal in the reader (5 bytes).



WM-5000V4S

Storage Capacity : 60,000 pieces
 Battery : 3.7V/1150mAh rechargeable lithium battery
 Dimensions : 148mm*42mm*34mm
 Operating Temperature: -40° to +850C
 Communication: Pogo Pin USB, 11,000 records per minute
 Weight : 243g

Silicon tank, metal body with rubber shell outside
 Flashlight with Touch button
 Three-color bright LED lights
 Pogo Pin connecting cable, high download speed



GPS Tracking Watchman Clocking System

IP Rating : IP67

Communication : USB(Drive-Free), 8000 record uploading/min GPRS/GSM

Reading Mode : GPS location and RFID tag reading

GPS locating accuracy $\leq 10\text{m}$

RFID tag: 125Khz 3cm-5cm reading distance

Data Storage: 16Mbit flash, 60,000 pieces

Prompt : Vibration with Colorful LED Flash

Dimension : 150mm×78mm×18.5mm weight 260g

500L5

Note

Hotel Door Lock System

The door lock management system is composed of computer, smart card reader and management software. Responsible for issuing IC CARDS, hotel room management, guest check-in information query statistics functions. TimeWatch Hotel Door Locking System is specially designed to meet the needs of small-medium hotels, maximum security, individual style and low operation costs. It is allowing for comprehensive access control and system management, but offers you an easy “one-click” installation.

Key Features

- ▶ Operation management
- ▶ Initialization Cards
- ▶ System maintenance
- ▶ Front desk management



TW-THTL1000

Technical Specification:

Easy & Fast Operation
 Card Reading Time <0.4S
 Event 30,000
 Card Reading Distance <25mm
 Door Thickness : 40-55 mm
 Integrate With Hotel Management Software



TW-THTL2000

Technical Specification:

Easy & Fast Operation
 Card Reading Time <0.4S
 Event 30,000
 Card Reading Distance <25mm
 Door Thickness : 40-55 mm
 Integrate With Hotel Management Software



Energy Saving Switch

Technical Specification:

Working Voltage AC220V / AC110V
 Load working current 30A
 Power Consumption 22W
 Static Current 100 mA
 Delay time 12 sec
 Card type Mifare
 Material PC
 Dimension 86x86x44 mm
 Weight 147.7 g

Standalone Access Control Device



Bio-A10

Fingerprint Capacity : 1,000
Identify Mode : Finger / Card / Password
USB Flash Disk Upload / Download F/P : Yes
Output Ports : Wiegand26 / 34 output
FAR(False Acceptance Rate) : <0.0001%
FRR (False Rejection Rate) : <1%
Working Power : 12V



Standalone Card Based Access Control System



ACR-1N

User Capacity: 1000 (Password / Card)
Read Card Distance : Up to 8cm
Lock Control : Built-In (NC, NO)
LED: Red / Blue
Supply Voltage: DC 12V
Lock Release Time: Programmable



Time & Attendance Management Solution

TIMEWATCH is an organization that is providing software solution for Time and attendance management solutions. As most of the organization is searching for a software solution that is flexible in nature and can manage complex time management requirements of the organization. As traditional time management system is not in demand and uses. You can increase the efficiency of your business significantly with the help of TimeWatch Attendance Management solutions.

It is a device that can eliminate the unnecessary efforts and help you to simplify all your daily activities. It also generates many reports like, daily reports, holidays and absence planning & Monitoring. It also build daily, monthly and yearly leave reports. There is different type of report generating techniques in the graphical form. This software is all you need to manage time & Attendance system of your organization TimeWatch's Time and Attendance software solution delivers the functionality and flexibility to support the demanding and complex time management requirement of your organization. Going far beyond traditional time and attendance systems.



- ❖ Single Software for multiple companies. create multiple companies and set different rules for them.
- ❖ Multi User environment with selected rights allocation.
- ❖ Easy Master data creation for Employee, Department, Category, Section, Shift, Holidays, Leaves etc.
- ❖ Short Leaves, Half day and Outwork entry.
- ❖ Muster generation to summaries the monthly attendance and generate the output, useful as input for any payroll system.
- ❖ Build in Daily, Monthly, Yearly and Leave report.
- ❖ Support almost all known databases : SQL Server, MS Access.
- ❖ Report generated in rich Text format, MS Word, MS Excel, PDF.
- ❖ Holiday and Absence Planning & Monitoring.
- ❖ Link to Payroll, HR, Accounting and Manufacturing Systems
- ❖ Can connect multiple device at same time just by selecting Device type
- ❖ Can use same application for Attendance, Payroll management, Canteen Management and Visitor Management
- ❖ Supports Multi Shifts.
- ❖ CompOff, OT Option.
- ❖ FTP Data Transfer
- ❖ Auto Data/Log Backup
- ❖ Supports OT, OD.
- ❖ More than 50 types of reports as well as user can customize report by there own. Available in Excel, PDF and text.
- ❖ Registering User in device without even touching the device .
- ❖ Time Zone and Validity for the user can be managed by User Friendly GUI.
- ❖ Auto Email and SMS shooter.
- ❖ All device functions covered in single software.
- ❖ Support Parallel Database

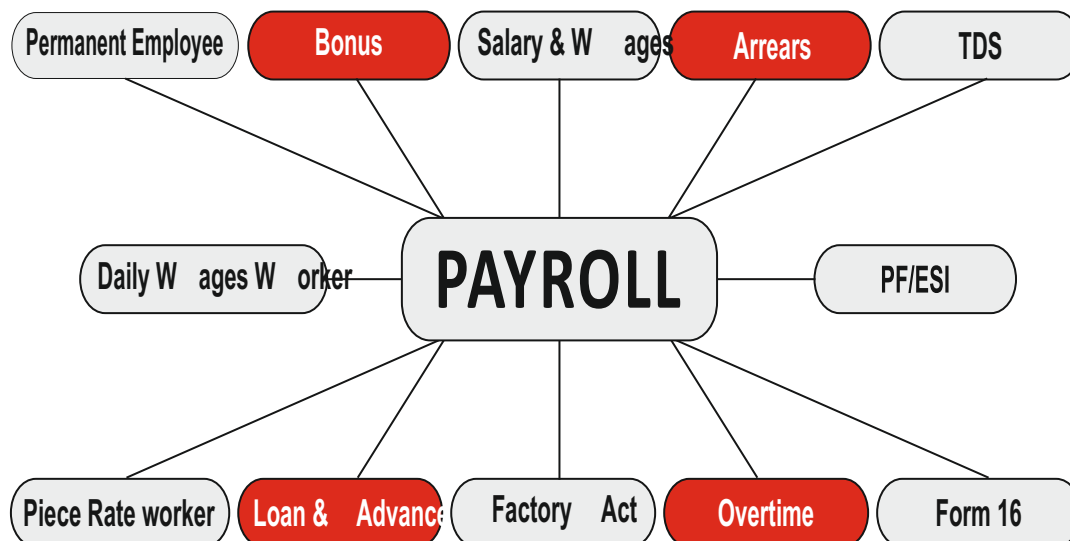
Web Based Time Attendance & Online Leave Management System

Web-based time attendance and online leave management system offers you a high return on investment by tracking the exact time worked by employees - both in and out of the office - while giving both workers and upper management the flexibility and options to check the system from any Internet-enabled PC, Internet-enabled cell phones, PDA or PC at home. Giving you all the information that you need on the move.



- ▶ A user friendly, browser based solution for time attendance and leave management system.
- ▶ Design for any windows.
- ▶ Web based Admin Module that allows master data creation through browser for employees, department, sections, shifts, holidays, leaves and much more.
- ▶ One centralized installation and multiple access point through internet/internet, that supports multiple companies/branches.
- ▶ Built in reporting module that provides daily, monthly and yearly leave reports. Reports can be exported into Excel & PDF format.
- ▶ Support user roles like Admin, HOD, Team Leader and other, that allows multilevel leave approval process.
- ▶ 3rd party Integration-compatible with different access controllers and time attendance products available in the market.
- ▶ HODs/Team Leaders can easily check the status of there sub-ordinate's attendance online.
- ▶ More than 70 types of browser based reports generation in various formats like PDF and Excel.
- ▶ Online attendance, applying leave, checking status and sending email alerts to HODs.
- ▶ Software available on almost all not data bases : SQL Server

Payroll Management Solution



TimeWatch's Payroll Management Software is a very simple, flexible and user-friendly Payroll Management software specially for INDIA, that takes care of all your requirements relating to accounting and management of employees' Payroll. TimeWatch Payroll generated Pay-slips and Salary Register, Compute all allowances and deductions and generates all Statutory and MIS reports. It offers very high flexibility in defining various allowances, deductions, leave rules etc. for the employees and all formulae for PF, PF TRUST, FPF, ESIC, Professional Tax, Income Tax etc., are definable and changeable at User's end.

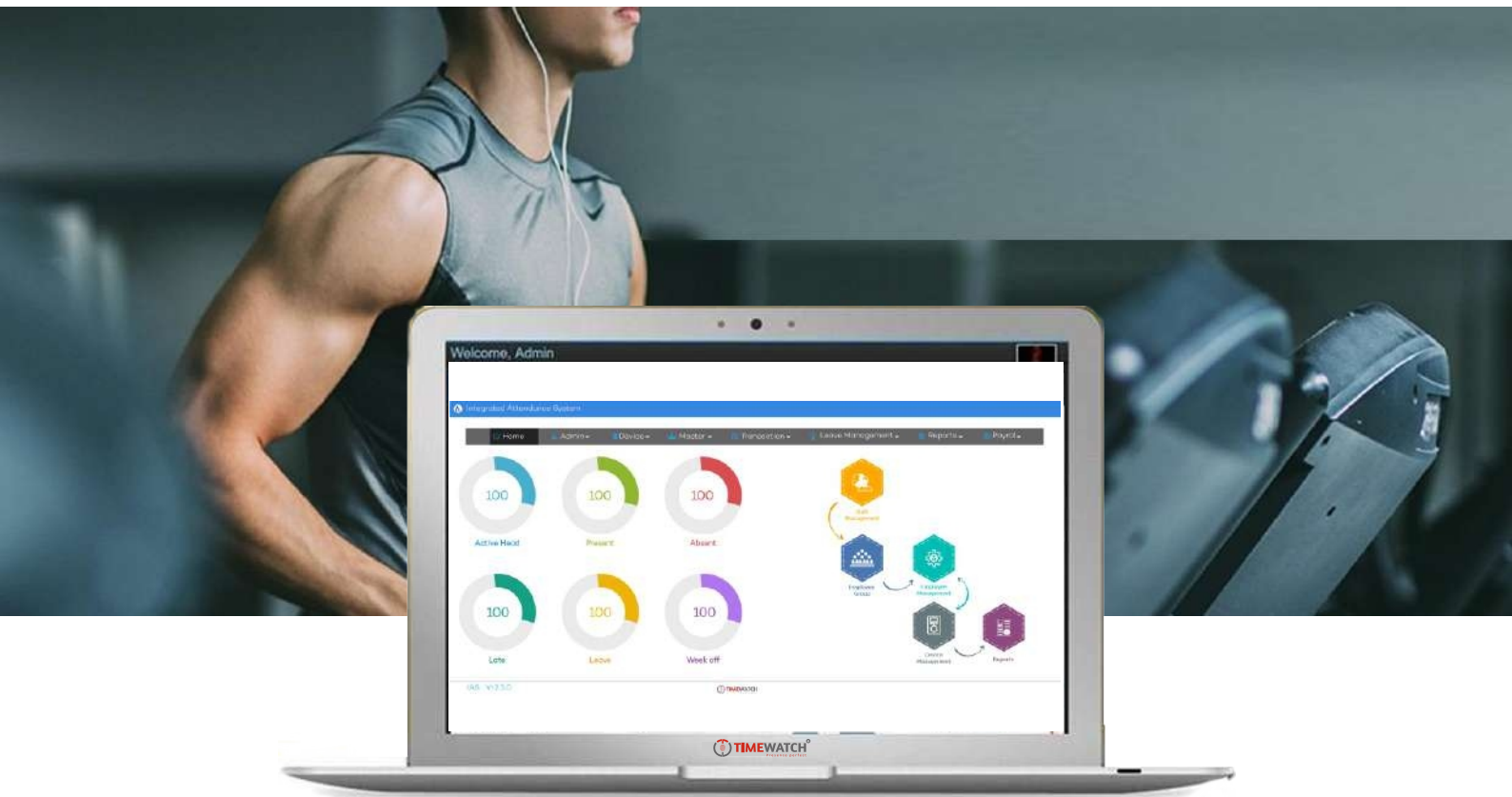
Technical Features

- ▶ Multi User/User Level Access
- ▶ Minimum User Entry
- ▶ Multi Company/MultiBranches
- ▶ Salary & Wages Arrears
- ▶ Loan & Advance
- ▶ PF & ESI
- ▶ Overtime v Bonus
- ▶ TDS Factory Act
- ▶ Daily Wages Worker Piece Rate Worker
- ▶ With Full & Final Settlement
- ▶ Comprehensive Report Writer
- ▶ User Define Allowances, Deduction (Set your Own Formula/Fixed Pay /Annualized pay etc.) Integration With Third Party Accounting S/W

Reports

Salary Slip, Salary Register, Summary Statement, Salary by Cheque Salary by Cash, Bank Salary Statement, Non Bank Salary Statement, Reimbursement Statement, PF Statement, PF Return Statement (Form 6A), PF Return Statement (Form 3A), PF Form 5, PF Form 10, ESI Statement, ESI Return Statement (Form 6), Purposed Computation Chart, Purposed Form 16, Loan Entry Statement, Loan Deduction Statement, Loan Entry Details, Advance entry Statement, Advance deduction Statement, Advance Entry Details, Advance Loan Deduction Summary, Cash Adjustment Details, Arrear Slip, Arrear Register, Bonus Statement, Payment Form, Employee Salary Structure, Employee wise CTC, Company wise CTC, Department wise CTC etc.

GYM Management Software



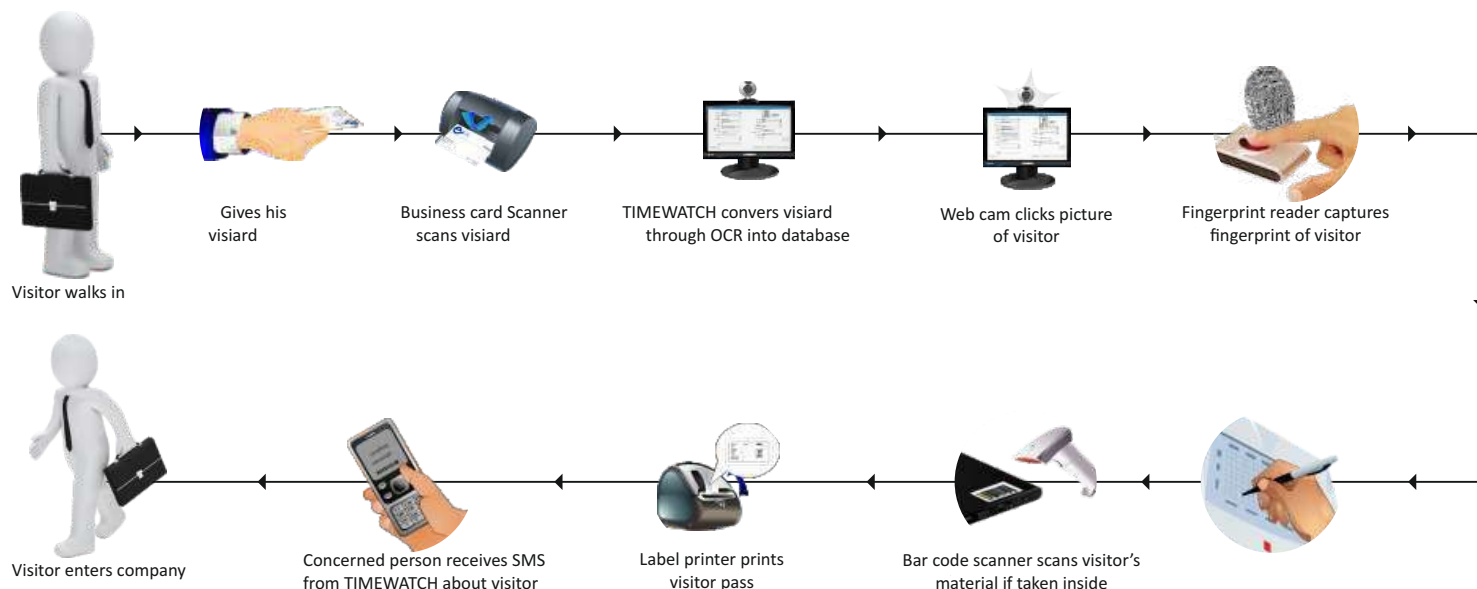
Specifica

- › Easy to manage large no. of member
- › Get detailed report dates & dues dates
- › Complete offline soare
- › Automaor member regarding payment Track member workouts, out
- › It helps business to collaborate whole task from member registra
- › Get deleted reports of all payment
- › It has many func, scheduling, training & tracking

Benefits:-

- › One or all management needs
- › Biometric Face Recognive for accurate and fastest result
- › Smart & Cloud based system
- › Easy fitness tracking report
- › Cost-effece
- › Addiou can sale your nutrits

Visitor / Canteen Management Solution



Visitor Management Software

Technical Features

- ▶ Employees can mail the appointment web link to their visitor in advance
- ▶ Employees and visitors can create appointments online
- ▶ Pre-printed passes at the reception by pre-registering appointment
- ▶ Multiple notification channels for both you and your visitor - SMS/Email/Mobile Alert
- ▶ Built in templates for visitor, vendors , consultant etc
- ▶ Mobile & tablet support
- ▶ Define visitor access areas
- ▶ Ease of use for semi-literate personnel
- ▶ Data Security

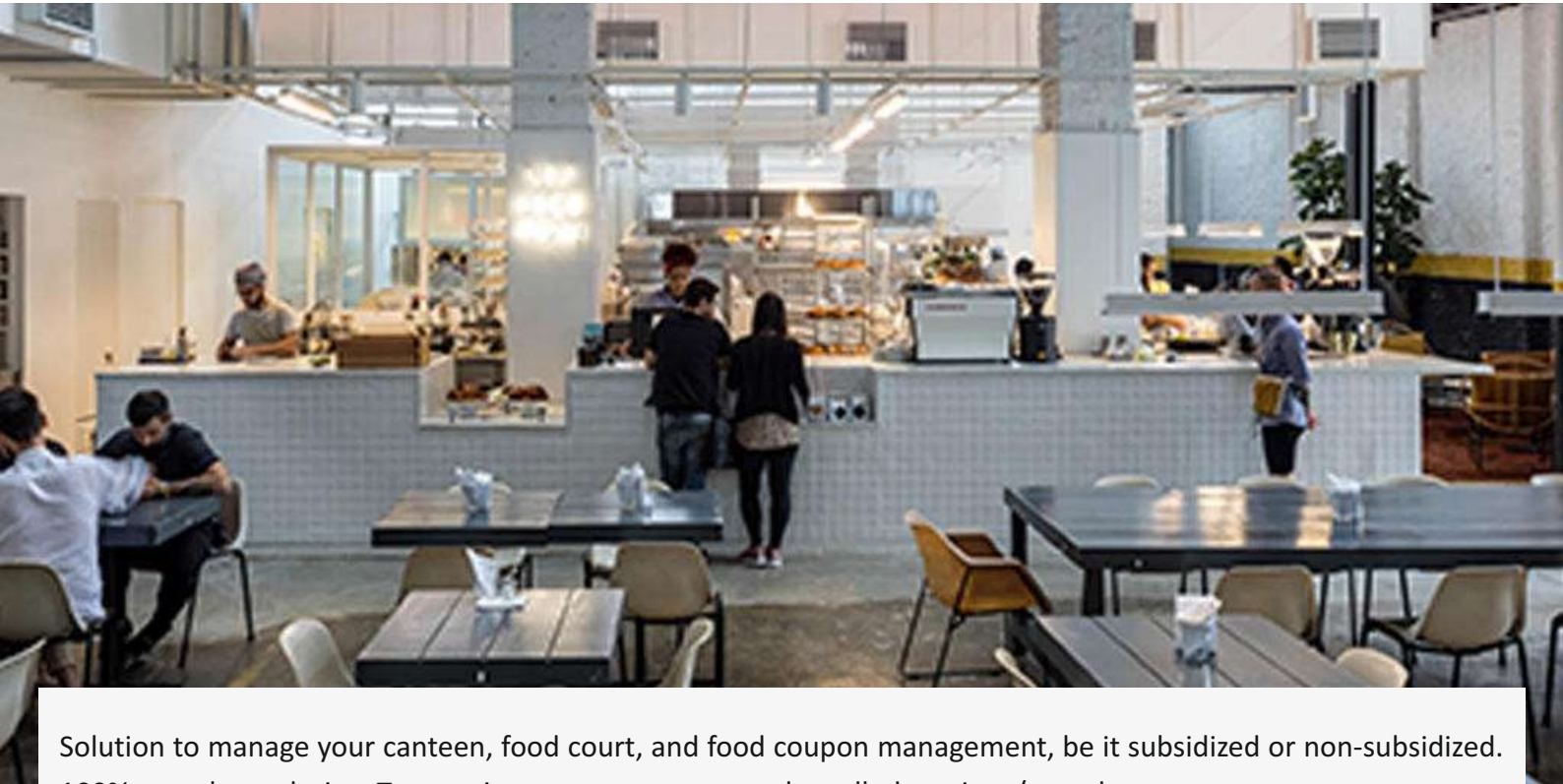
Daily Reports

- ▶ Current visitor Still In Premises
- ▶ Company Wise Visitor Reports
- ▶ Official Visit Reports
- ▶ Today's Visitor Reports
- ▶ Department Wise Visitor
- ▶ Reports, Personal Visit
- ▶ Reports.

Monthly Reports

- ▶ Visitor In Premises, Month's
- ▶ Visitors Reports, Company
- ▶ Wise Visitors Report,
- ▶ Department Wise Reports
- ▶ Official Visit Reports, Personal
- ▶ visit Reports

Canteen Management



Solution to manage your canteen, food court, and food coupon management, be it subsidized or non-subsidized. 100% paperless solution, Transactions or usage report can be pulled anytime / anywhere.

What is the benefit of using Student aendance soare?

- ▶ The software completely automates the process, and brings in a transparent system and paperless canteen management
- ▶ Accurate and actual deduction from the employee, with no manual process of coupon distribution and collection.
- ▶ Brings down your administrative efforts and cost.
- ▶ Saves manpower and increases employee satisfaction
- ▶ Web based software that can be accessed anytime / anywhere
- ▶ Can be integrated with payroll system
- ▶ Provides user-friendly interface to manage the facilities and areas covering different groups of employees.
- ▶ It has features to operate multiple counters over a network in a closed environment
- ▶ Automation increases efficiency and reduces redundancies and delays usually found during manual efforts.
- ▶ Saves time in tallying up transactions, reduces errors and ensures smooth work flow

UHF Long Range Reader For School Management



With an enhanced working hour and a dearth of resources, teachers are struggling to manage valuable class time. In such cases, they need adequate tools to perform activities effectively. They are not able to focus on teaching as they are striving hard to crack formal duties like taking attendance. Marking registers and executing daily attendance is a tedious task for the faculty members since it is a time-consuming process. To combat these issues, there is remarkable software that helps in speeding up the attendance process instead of doing it manually. Student attendance software designed by Time Watch Company comes to the aid of teachers in overcoming the hurdles.

What is the benefit of using Student attendance software?

- ▶ Student attendance software is one of the latest tools that are designed to streamline daily attendance at educational institutions. One of the benefits of this software is that it assists in maintaining precise records and produce summarized reports of the student's daily attendance in school.
- ▶ The attendance management process integrates with biometric and access card system. The software would automatically generate a report of absentees and send a notice to their parents. It would deliver firsthand information making a leave from college, university.
- ▶ Student attendance software keeps record of grading transcripts, final results of the test, assessment of scores, create daily schedules, monitor daily attendance and management of student-based information acquired at school.

Toll Management Solution



Toll collection software is to integrate the operational and assist the toll collection supervisors manage their day-to-day work efficiently and generate timely billing and audit reports, it can generate the toll coupon according to the classified. Toll Management System S/W is a front-end application exclusively designed and developed for handling all the toll transactions taking place at toll plaza.

TimeWatch Infocom Pvt Ltd offers a comprehensive, one-stop toll management software (TMS) to meet all of these challenges successfully and lets you centrally manage all your toll operations. It is also highly customizable depending on your requirements. Toll the executives in India has a few remarkable difficulties, given that there are varieties in tolling rate structures crosswise over various pieces of the nation, alongside various sorts and sizes of vehicles. There are also specific quite certain and stringent prerequisites that a toll the board framework needs to meet. This is the place our TMS effectively addresses the difficulty head on.

Benefits

- ▶ Multil security for daily operaell as data handling
- ▶ Data warehousing and automated data backup programs
- ▶ Remote accessibility for Real Time Online Monitoring
- ▶ Dynamic customized report generaools.
- ▶ Convenient and exhaust report genera
- ▶ Multil security for daily operata handling.

Parking Management Solution

A parking management system is an effective way to manage the parking of the car and other vehicles. There are a variety of problems that arises while managing the parking with limited human resources such as parking in someone else's slot; parking in no parking zone; cars moving in the wrong direction on the defined lane; haphazard parking; no accurate data on empty slots and various other problems. So to manage all these problems, parking management software is the best way.

Features of parking management software:

There are various features of this software. Some of them are given below:

- ▶ Detection of unauthorized parking for vehicles.
- ▶ Count of both in and out with the help of single camera
- ▶ Improper parking detection for vehicles
- ▶ Premise availability of vehicles.
- ▶ Detection of prohibited parking for vehicles
- ▶ Generation of report camera-wise
- ▶ Detection of the wrong way for vehicles.



This software helps the people to find the parking slot very quickly and also gives essential guidance to make the whole process smooth. It helps in reducing the frustration of the people and enhance the experience of the visitor. It gives a big benefit to the people of reserving the slot for parking with the help of a phone

Advantages of parking management software:

The parking is very important in our day to day life. We need parking spaces in offices, hospitals, malls, homes and various other places. Therefore, parking management software is a flexible way to control the flow of vehicles in a parking slot. It provides various advantages. Some of them are given below:

- ▶ **Superior technology:** For the integration with technology, parking management software is now used in most of the parking areas.
- ▶ **Versatile:** This software is very easy to use for the owners of the vehicle and for authorities.
- ▶ **Easy to manage:** This software is easy to manage. Time-saving: With the help of this software, one can reserve their parking from the phone and can also pay with the help of the internet. You can book your slot while driving or while at your home which helps in saving you plenty of time.
- ▶ **Cost-effective:** This software is not so much expensive so that everyone can able to use this software and achieve all these benefits.
- ▶ **Increase protection:** With the help of this software, the protection of your vehicle and slot is increased. You have no need to worry about your vehicle

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