TIMEWATCH ®

Presence perfect

PRODUCT CATALOGUE

CONTENT

About Us

Founded in 2015, TimeWatch Infocom Pvt. Ltd. is a leading manufacturer and solution provider of biometric attendance devices, access control systems, entrance control, parking, and security solutions. We specialize in delivering reliable, Made-in-India technology designed for modern workplaces and secure environments.

With in-house R&D, software development, and manufacturing, TimeWatch offers complete end-to-end solutions, from product design to deployment and support. Our solutions are trusted by corporate enterprises, government organizations, PSUs, healthcare institutions, educational campuses, and industrial facilities.

With a growing presence in India and officially registered operations in the UAE and Saudi Arabia, TimeWatch remains committed to delivering secure, scalable, and future-ready biometric solutions that help organizations stay efficient, compliant, and connected.
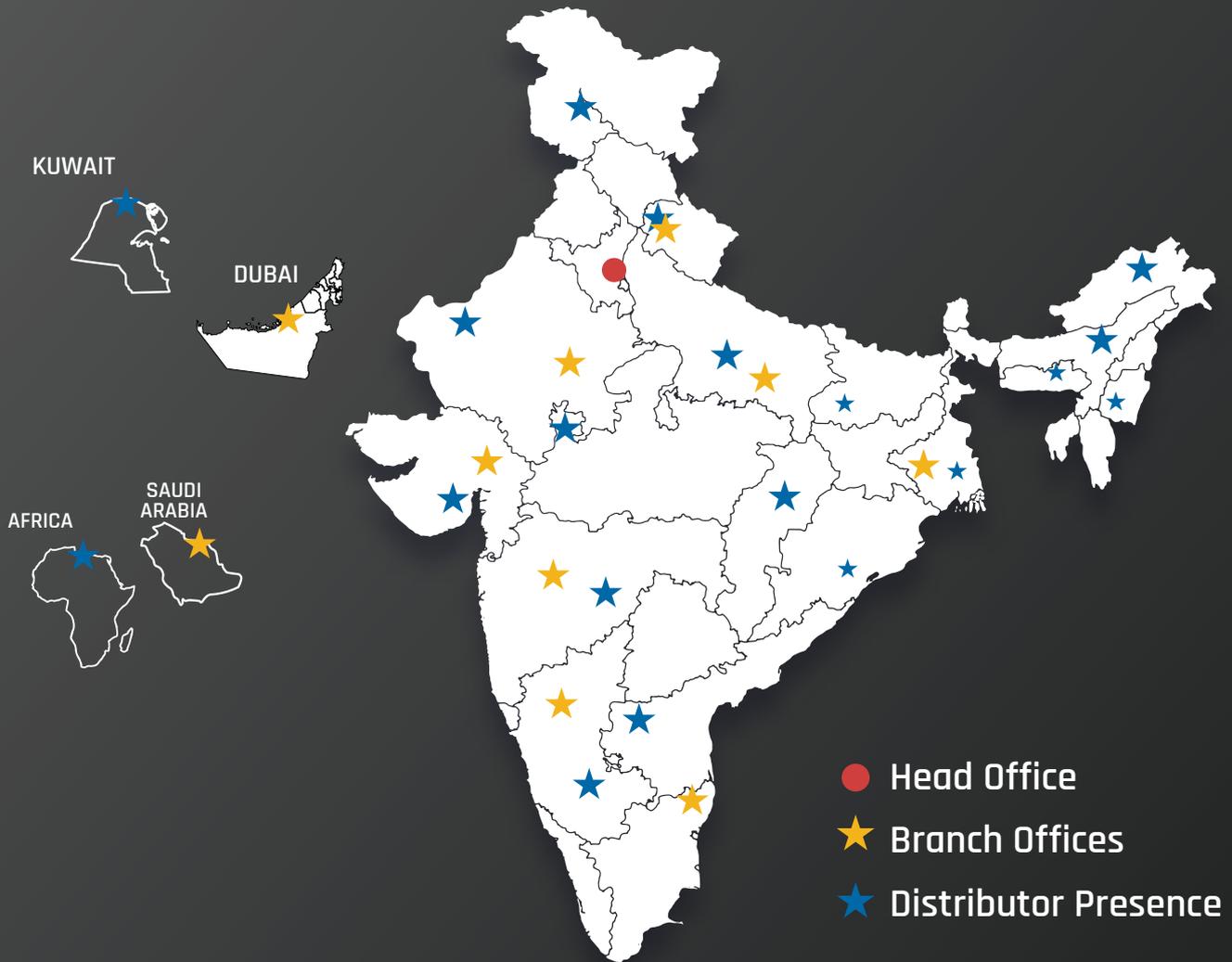
Our Presence

TimeWatch Infocom Pvt. Ltd. has a strong and growing presence across India, supported by a wide network of authorized dealers, distributors, and solution partners. Our biometric attendance and security solutions are deployed across major cities, industrial zones, and emerging business regions, enabling reliable and timely customer support.

In addition to India, TimeWatch is officially registered and operational in the UAE, Saudi Arabia, Europe and USA, serving customers across the Middle East with the same commitment to quality, compliance, and service excellence.

With an expanding partner ecosystem and dedicated support teams, we ensure local expertise, efficient service delivery, and seamless project execution for both single-site and large multi-location deployments.

In-House Customized Solutions Team

Our In-House Customized Solutions Team offers end-to-end, tailored solutions powered by dedicated **R&D, Development, Implementation, Helpdesk, and Support Teams** ensuring innovation, seamless execution, fast deployment, and reliable ongoing support for every project.

Time Attendance & Access Control

QUICK & ACCURATE FINGERPRINT MATCH

08:30
2025-01-21
Tuesday
Welcome

TIMEWATCH

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Bio-1

Features
- **Identification Mode :** Fingerprint, Card, PIN
- **User Capacity :** 5,000 (Fingerprint, Card,PIN)
- **Log Capacity :** 1,00,000
- **Communication Interface :** TCP/IP, USB, Wi-Fi & Hotspot
- **Screen Size :** 2.4 inch TFT Screen
- **Battery :** Yes
- **Verification Time :** <0.5 sec
- **Product Dimension :** 181.6mm × 135.6mm × 32.7mm

Bio-27

Features
- **Identification Mode :** Fingerprint, Card, PIN
- **User Capacity :** 5,000 (Fingerprint, Card,PIN)
- **Log Capacity :** 1,00,000
- **Communication Interface :** TCP/IP, USB
- **Screen Size :** 2.4 inch TFT Screen
- **Battery :** Yes
- **Verification Time :** <0.5 sec
- **Product Dimension :** 181.6mm × 135.6mm × 32.7mm

Bio-20

Features
- **Identification Mode :** Fingerprint & PIN
- **User Capacity :** 3,000 (Fingerprint & PIN)
- **Log Capacity :** 2,00,000
- **Communication Interface :** USB
- **Screen Size :** 1.77 inch
- **Excel Data Export :** Yes
- **Verification Time :** <0.5 sec
- **Product Dimension :** 86mm × 86mm × 31.1mm

Bio-4/Bio-4W

Features
- **Identification Mode :** Fingerprint, Card, PIN
- **User Capacity :** 10,000 (Fingerprint, Card, PIN)
- **Log Capacity :** 1,00,000
- **Communication Interface :** TCP/IP, USB & Wi-Fi
- **Screen Size :** 2.4 inch
- **Verification Time :** <1 sec
- **Product Dimension :** 205mm × 86mm × 30mm

ULtraACR801T/802F

Features
- **Identification Mode :** Finger, Card & PIN
- **User Capacity :** 5,000 (Finger, Card & PIN)
- **Log Capacity :** 1,00,000
- **Communication Interface :** TCP/IP, USB disk, WG26/34, RS-485, RS-232
- **Screen Size :** 2 inch
- **Input :** Touch keyboard, T9 input
- **Verification Time :** <1.08 sec
- **Product Dimension :** 140mm × 42mm × 18mm

TFP-12E / TFP-12D

Features
- **Identification Mode :** Fingerprint & Card
- **User Capacity :** 3,000 (Fingerprint & Card)
- **Response Time :** 0.1 sec
- **Fingerprint Recognition Time :** 1.5 sec
- **Tamper Alarm :** Yes
- **Protection :** IP65
- **Product Dimension :** 70.0mm × 70.0mm × 28.0mm

TrueFace1000E/EW

Features
- **Identification Mode :** Face, Card & PIN
- **User Capacity :** 1,000 Face & PIN, 3,000 Card
- **Log Capacity :** 3,00,000
- **Communication Interface :** TCP/IP, USB, Wi-Fi Screen Size : 2.4 inch
- **Camera :** 2-MP CMOS HD Dual-lens camera
- **Verification Time :** 0.2 sec
- **Product Dimension :** 184.9mm × 76.2mm × 20.5mm

TrueFace1000D/DW

Features
- **Identification Mode :** Face, Finger Card & PIN
- **User Capacity :** 1,000 Face & PIN, 3,000 Card & Finger
- **Log Capacity :** 3,00,000
- **Communication Interface :** TCP/IP, USB, Wi-Fi Screen Size : 2.4 inch
- **Camera :** 2-MP CMOS HD Dual-lens camera
- **Verification Time :** 0.2 sec
- **Product Dimension :** 184.9mm × 76.2mm × 20.5mm

TrueFace
SERIES

Office   Education   Hospitals   Industrial Sites

TIMEWATCH ®
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TrueFace2000

Features
- **Identification Mode :** Face, PIN
- **User Capacity :** 5,000 (Face, PIN)
- **Log Capacity :** 3,00,000
- **Communication Interface :** TCP/IP, USB, Wi-Fi, 4G (Optional)
- **Screen Size :** 4.3 inch
- **Camera :** 2-MP CMOS HD Dual-lens camera
- **Verification Time :** <0.2 sec
- **Product Dimension :** 115mm × 118mm × 27.1mm

TrueFaceT50-IND

Features
- **Identification Mode :** Face, Card, PIN & QR
- **User Capacity :** 50,000 (Face, Card, PIN & QR)
- **Log Capacity :** 3,00,000
- **Communication Interface :** TCP/IP, USB, Wi-Fi, 4G (Optional)
- **Screen Size :** 7 inch
- **Camera :** 2-MP CMOS HD Dual-lens camera
- **Verification Time :** <0.2 sec

TrueFace3000

Features
- **Identification Mode :** Face, Card, PIN & QR
- **User Capacity :** 5,000 (Face, Card, PIN & QR)
- **Log Capacity :** 3,00,000
- **Communication Interface :** TCP/IP, USB, Wi-Fi, 4G (Optional)
- **Screen Size :** 4.3 inch
- **Camera :** 2-MP CMOS HD Dual-lens camera
- **Verification Time :** <0.2 sec
- **Product Dimension :** 115mm × 118mm × 27.1mm

TrueFace3000FP

Features
- **Identification Mode :** Face, Finger, Card, PIN & QR
- **User Capacity :** 5,000 (Face, Finger, Card, PIN & QR)
- **Log Capacity :** 3,00,000
- **Communication Interface :** TCP/IP, USB, Wi-Fi, 4G (Optional)
- **Screen Size :** 4.3 inch
- **Camera :** 2-MP CMOS HD Dual-lens camera
- **Verification Time :** <0.2 sec
- **Product Dimension :** 115mm × 118mm × 27.1mm

TrueFace6000

Features
- **PoE Support :** Yes
- **Identification Mode :** Face, Card, PIN & QR
- **User Capacity :** 10,000 (Face, Card, PIN & QR)
- **Log Capacity :** 3,00,000
- **Communication Interface :** TCP/IP, USB, Wi-Fi, 4G (Optional)
- **Screen Size :** 4.3 inch
- **Camera :** 2-MP CMOS HD Dual-lens camera
- **Verification Time :** <0.2 sec
- **Product Dimension :** 180.1mm × 90.1mm × 27.0mm

TrueFace6000FP

Features
- **PoE Support :** Yes
- **Identification Mode :** Face, Finger, Card, PIN & QR
- **User Capacity :** 10,000 (Face, Finger, Card, PIN & QR)
- **Log Capacity :** 3,00,000
- **Communication Interface :** TCP/IP, USB, Wi-Fi, 4G (Optional)
- **Screen Size :** 4.3 inch
- **Camera :** 2-MP CMOS HD Dual-lens camera
- **Verification Time :** <0.2 sec
- **Product Dimension :** 180.1mm × 90.1mm × 27.0mm

TrueFace50

Features
- **Identification Mode :** Face, Card, PIN & QR
- **User Capacity :** 50,000 (Face, Card, PIN & QR),
- **Log Capacity :** 3,00,000
- **Communication Interface :** TCP/IP, USB, 4G (Optional)
- **Screen Size :** 7 inch
- **Camera :** 2-MP CMOS HD Dual-lens camera
- **Verification Time :** <0.2 sec
- **Product Dimension :** 283.1mm × 130.1mm × 36.0mm

TrueFace50FP

Features
- **Identification Mode :** Face, Finger, Card, PIN & QR
- **User Capacity :** 50,000 (Face, Card, PIN & QR), 10,000 Fingerprint
- **Log Capacity :** 3,00,000
- **Communication Interface :** TCP/IP, USB, Wi-Fi, 4G (Optional)
- **Screen Size :** 7 inch
- **Camera :** 2-MP CMOS HD Dual-lens camera
- **Verification Time :** <0.2 sec
- **Product Dimension :** 218mm × 118mm × 24.2mm

ATTENDANCE AND ACCESS DEVICE WITH 1,00,000 USERS

Face, Finger, Card, PIN & QR Verification

1,00,000 User Capacity

TCP-IP, Wi-Fi, USB Connectivity

IP65

IP65 Rated Protection

8 inch
Touch Screen

Model : TrueFace1L/TrueFace1L-FP

IRIS
RECOGNITION

Model No.:
TW-IriGoPlus

| Iris & Face Verification | 2,00,000 User Capacity | Wi-Fi, Bluetooth & 4G Connectivity | 8 inch Touch Screen |

FACE & PALM RECOGNITION SERIES →

Face & Palm Series

Bio-1SE

Features
- **Identification Mode :** Face, Palm, Fingerprint, Card & PIN
- **User Capacity :** 1,000 (Face, Palm, Card, PIN) & 3,000 Fingerprint
- **Log Capacity :** 1,60,000
- **Communication Interface :** TCP/IP, Wi-Fi, USB, Wiegand & RS485
- **Screen Size :** 2.8 inch
- **Battery :** Yes
- **Verification Time :** <0.6 sec
- **Product Dimension :** 180mm × 132mm × 33mm

TF-20

Features
- **Identification Mode :** Face, Palm & PIN
- **User Capacity :** 3,000 (Face, PIN) & 1,000 Palm
- **Log Capacity :** 1,60,000
- **Communication Interface :** USB, Wiegand, RS485
- **Screen Size :** 1.77 inch
- **Excel Data Export :** Yes
- **Verification Time :** <0.6 sec
- **Product Dimension :** 86mm × 86mm × 23.5mm

ATF-305SE

Features
- **Identification Mode :** Face, Palm, Fingerprint, Card & PIN
- **User Capacity :** 3,000 (Face, Finger, Card, PIN) & 1,000 Palm
- **Log Capacity :** 2,00,000
- **Communication Interface :** TCP/IP, Wi-Fi, USB, Wiegand & RS485
- **Screen Size :** 2.4 inch
- **Verification Time :** <0.6 sec
- **Product Dimension :** 185mm × 80mm × 29.5mm

TrueFace1LP

Features
- **Identification Mode :** Face, Palm Card & PIN
- **User Capacity :** 1,00,000 (Face, Card & PIN) & 10,000 Palm
- **Log Capacity :** 3,00,000
- **Communication Interface :** TCP/IP, Wi-Fi, USB, Wiegand, RS-232 & RS-485
- **Screen Size :** 8 inch
- **Verification Time :** <0.2 sec
- **Product Dimension :** 306mm × 133mm × 25mm

Ai Based Face Recognition Devie

AIFace-T5

Features
- **AI Algorithm :** Yes
- **Identification Mode :** Face, Finger, Card & PIN
- **User Capacity :** 6,000 (Face, Card, PIN) & 12,000 Fingerprint
- **Log Capacity :** 5,00,000
- **Communication Interface :** TCP/IP, USB Type-A, WiFi
- **Screen Size :** 4 inch HD Touch Screen
- **Battery :** Yes
- **Verification Time :** ≤0.2 s
- **Product Dimension :** 151mm × 151mm × 31mm

AI-FaceT7-Pro

Features
- **AI Algorithm :** Yes
- **Identification Mode :** Face, Finger, Card & PIN
- **User Capacity :** 50,000 (Face, Card, PIN) & 10,000 Fingerprint
- **Log Capacity :** 5,00,000
- **Communication Interface :** TCP/IP, 4G, Wi-Fi
- **Screen Size :** 5 inch IPS Touch Screen
- **Face Recognition Distance :** 0.5m - 2.5m
- **Verification Time :** <0.2 s

DOOR ACCESS
CONTROLLER

Fingerprint Reader

Main Controller

Card Reader

EM Lock

No Touch
Exit Button

Card Reader

Webpage Login

USB

Fingerprint
Reader

Management Platform

PoE Switch

Door Access Controller
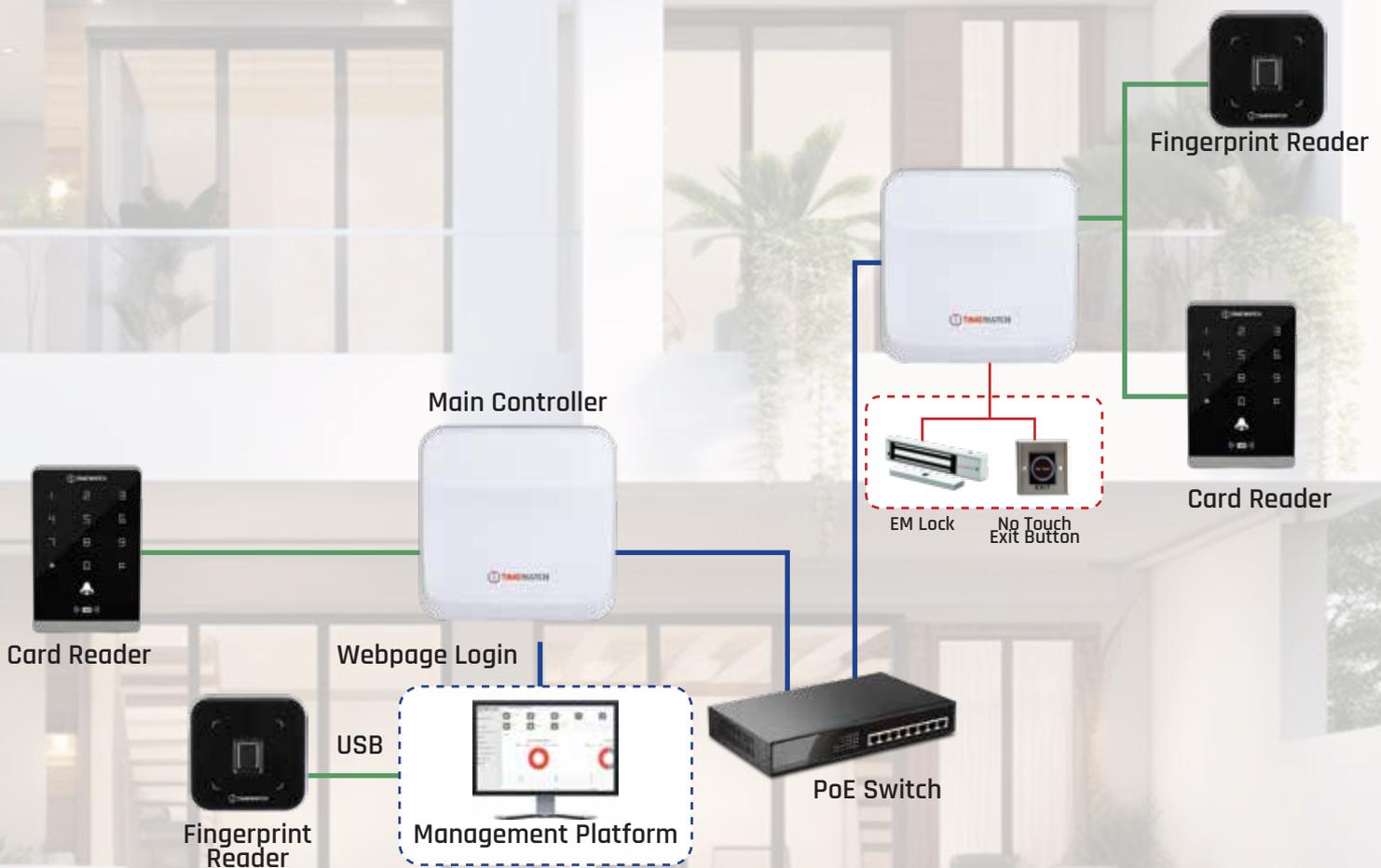
TF-1DCW

Features
◦ **Identification Mode :** Finger, Card, PIN & Bluetooth
◦ **User Capacity :** 5,000 (Card, Bluetooth), 3,000 Finger
◦ **Log Capacity :** 3,00,000
◦ **Buzzer:** Yes
◦ **Power Supply :** 12V DC
◦ **Protection :** Ik06
◦ **Product Dimension :** 186.4 × 185.8 × 58.3mm

TF-2DCW

Features
◦ **Identification Mode :** Finger, Card, PIN & QR
◦ **User Capacity :** 10,000 Finger & 1,00,000 Card
◦ **Log Capacity :** 5,00,000
◦ **Alarm Input & Output :** 4 channels, expandable up to 8 with an external alarm module
◦ **Door Status Detection :** 2 channels
◦ **Power Supply :** Standard PoE; 12 VDC 1A
◦ **Product Dimension :** 210mm × 106mm × 34.1mm

TF-4DCW

Features
◦ **Identification Mode :** Finger, Card, PIN & QR
◦ **User Capacity :** 10,000 Finger & 1,00,000 Card
◦ **Log Capacity :** 5,00,000
◦ **Wiegand :** 8-channel input
◦ **Door Status Detection :** 4 channels
◦ **Anti-pass Back :** Yes
◦ **Tamper Alarm :** Yes
◦ **Power Supply :** AC 100–240 V 1.4 A
◦ **Product Dimension :** 397.6 × 262.6 × 82.8 mm

TW-1DC/2DC/4DC

Features
◦ **Capacity :** Storage for 42,000 Valid Cards Information and 1,00,000 card swiping Records
◦ **Door control :** 1 Nos / 2 Nos / 4 Nos
◦ **Door lock relay :** 1 Nos / 2 Nos / 4 Nos
◦ **Quantity of reader interface :** 2 Nos / 4 Nos / 8 Nos
◦ **Communication method :** TCP/IP
◦ **Voltage input :** AC 220V
◦ **Voltage output :** 12V

Card Readers

ACR1 / TW-CR12AC

Features
◦ **Identification Mode :** Card, PIN
◦ **User Capacity :** 1,000 (Card,PIN)
◦ **Cards supported :** Proximity
◦ **Read speed :** ≤0.2s
◦ **Reading distance :** 0~8cm
◦ **Light :** Red/Green
◦ **Product Dimension :** 117mm × 75mm × 20mm

TW-CR13AC

Features
◦ **Touch Based :** Yes
◦ **Identification Mode :** Card & PIN
◦ **User Capacity :** 1600 (Card & PIN)
◦ **Card supported :** Proximity card
◦ **Read speed :** <0.1 sec
◦ **Reading distance :** 1~5cm
◦ **Product Dimension :** 115mm × 75mm × 18mm

TW-CR100ID

Features
◦ **Identification Mode :** Card
◦ **Power Supply :** 12V DC
◦ **Power Consumption :** <2W
◦ **Processor :** 8-bit
◦ **Reading Frequency :** 125KHz/13.56MHz
◦ **Reading Range :** <50mm
◦ **Audio Alert :** Beeper
◦ **LED Indicator :** Power Indicator, Status Indicator
◦ **IP Rating :** IP65

TW-CR100IDIC

Features
◦ **Identification Mode :** Card
◦ **Power Supply :** 12V DC
◦ **Power Consumption :** <500mA
◦ **Processor :** 32-bit
◦ **Reading Frequency :** 125KHz
◦ **Reading Range :** <60mm
◦ **Audio Alert :** Beeper
◦ **LED Indicator :** Status LED Indicator
◦ **IP Rating :** IP64

SMART
DOOR LOCK

Face	Finger	Card	PIN	TT App	Bluetooth

Door Lock

TW-SL3000

Features
- **Unlock Options :** Finger, Password, App & Key
- **Capacity :** 300 All
- **Color :** Black
- **Material :** Alloy / Strengthened Glass
- **Lock Cylinder :** Level-C Optional
- **Communication :** Wi-Fi, Bluetooth
- **Life :** ≥6 million times
- **Opening Direction :** Universal
- **Product Dimension :** 296mm x 68mm

TW-N500

Features
- **Identification Mode :** Face, Finger, PIN , App & Key
- **Capacity :** 300 All
- **Color :** Black / Rose Gold
- **Communication :** Wi-Fi
- **Opening Direction :** Universal
- **Battery :** Yes
- **Product Dimension :** 410mm x 72mm

QR Reader / Mini UPS

TW-AER81

Features
- **Identification Mode :** Numeric & Alphanumeric (Optional)
- **Reading Speed :** <200ms
- **Working Volatage :** 5~15V
- **Scanning Range :** 0-20cm
- **Working Temperature :** -20°C ~ 70°C
- **Interface :** Wiegand, RS485, RS232
- **Indicator Light :** Red Working Light, Green feedback light, light green network light

TW12A UPS Adaptor

Features
- **Battery Backup :** Up to 3 hours
- **Input Voltage Range :** AC180-265VAC
- **Cell Charging Cut off :** 4.2V
- **Switching time from Adapter to back up :** <1m Sec
- **Read speed :** <0.1 sec
- **Load in short circuit :** Blue Blinking
- **Low Battery Indication & Fault Battery :** Red Led Glow

MINI UPS
MINI UPS

WARRANTY 1 YEARS WARRANTY

Up to 4 Hours Power Backup

Instant Power Switchover

Lightweight & Reliable

Router | CCTV | Biometric | Cordless Phone | POS & IOT Device

EM LOCK & ACCESSORIES

Essential Tools for Secure Entry Control

3 YEAR WARRANTY ON UL LISTED EM LOCK

Smooth Device Integration | Durable, Long Lasting Build | Multi-Door Control Support

UL listed Em lock

TW-280AS

Features
- Holding force : 280KG(600LBS)
- Voltage : DC12V / DC24V Switchable
- Current : 12V/480mA 24V/240mA
- Weight : 2KG
- Dimensions : 250(L)*47(W)*26(H)mm

TW-280BS

Features
- Holding force : 560KG(1200LBS)
- Voltage : DC12V / DC24V Switchable
- Current : 12V/960mA 24V/480mA
- Weight : 4KG
- Dimensions : 500(L)*47(W)*26(H)mm

UL No.: R41142

Accessories

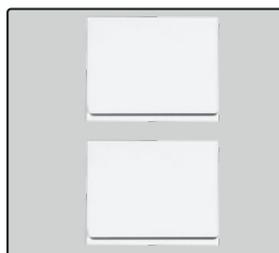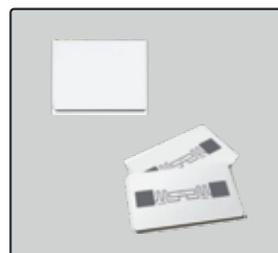| EM Lock 300/600/1200 LBS With / Without Feedback	EM Lock 1200LBS Dual Leaf (With Feedback & Without Feedback)	Drop bolt for Wooden Door / Conceal Fit	Strike Lock
L, U & Z Bracket	No Touch Button	3 x 3 & 1 x 3 Push Button	Emergency Door Release
Thin & Thick Proximity Card	MIFARE Card 1k / 4k	UHF Card / Tag	Power Supply 12V 2/5AMP

ENTRANCE
SECURITY
S Y S T E M

Integration Face, Finger, Card, PIN & QR

25-30 people/min Throughput

Bi-Directional Access

IDEAL FOR

Metro

Airport

Mall

Office

Education

Tripod Turnstile & Flap Barrier

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TWLD-TS2700

Features
◦ **Integration :** Face, Finger, Card PIN & QR
◦ **Passage Width :** 500mm
◦ **Material :** SS 304 Stainless steel + Acrylic
◦ **Traffic Direction :** Bi-directional
◦ **Traffic Speed :** 25-30 People / Min.
◦ **Power :** 30-60W
◦ **Life :** ≥5 Million times
◦ **Product Dimension :** 510(L) x 310(W) x 1010(H)mm

TWLD-TS2715

Features
◦ **Integration :** Face, Finger, Card PIN & QR
◦ **Passage Width :** 520mm
◦ **Material :** SS 304 Stainless steel + Acrylic
◦ **Traffic Direction :** Bi-directional
◦ **Traffic Speed :** 25-30 People / Min.
◦ **Power :** 30-60W
◦ **Life :** ≥5 Million times
◦ **Product Dimension :** 1200(L) x 220(W) x 980(H)mm

TW-TP-8000HD

Features
◦ **Integration :** Face, Finger, Card PIN & QR
◦ **Passage Width :** <550mm
◦ **Material :** 304 stainless steel
◦ **Traffic Direction :** Bi-directional
◦ **Traffic Speed :** 25-30 People / Min.
◦ **Power :** 30-60W
◦ **Life :** 8 Million times
◦ **IP rating :** IP54
◦ **Product Dimension :** 1400(L) x 250(W) x 1000(H)mm

TW-FB2000/2200

Features
◦ **Integration :** Face, Finger, Card PIN & QR
◦ **Passage Width :** 550mm
◦ **Material :** SUS201, Tempered Glass, Acrylic
◦ **Traffic Direction :** Bi-directional
◦ **Traffic Speed :** 30-40 People / Min.
◦ **Opening & Closing Speed :** 0.5 sec
◦ **Infrared Sensor :** 3 Pairs
◦ **Life :** ≥6 Million times
◦ **Product Dimension :** 1200(L) x 300(W) x 980(H)mm
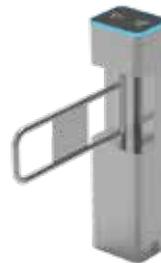
Swing Gate & P-Type Swing Gate

TWLD-SG2600/2602

Features
◦ **Integration :** Face, Finger, Card PIN & QR
◦ **Passage Width :** 600mm (950mm Can be customized)
◦ **Material :** SUS201, Tempered Glass, Acrylic
◦ **Traffic Direction :** Bi-directional
◦ **Traffic Speed :** 30-40 People / Min.
◦ **Opening & Closing Speed :** 0.6 sec
◦ **Life :** ≥6 Million times
◦ **Product Dimension :** 1200(L) x 150(W) x 980(H)mm

TWLD-SBG1000

Features
◦ **Integration :** Face, Finger, Card PIN & QR
◦ **Passage Width :** 562.5mm (900mm Can be Customized)
◦ **Material :** SS 304 Stainless steel + Acrylic
◦ **Traffic Direction :** Bi-directional
◦ **Traffic Speed :** 25-30 People / Min.
◦ **Power :** 40-70W
◦ **Life :** >8 Million times
◦ **Product Dimension :** 250(L) x 200(W) x 980(H)mm

TWLD-SBG2000

Features
◦ **Integration :** Face, Finger, Card PIN & QR
◦ **Passage Width :** 600mm (900mm for wheelchair)
◦ **Material :** 304 stainless steel
◦ **Traffic Direction :** Single / Bi-directional
◦ **Working environment :** Indoor & outdoor
◦ **Power supply :** AC110-220V, 50/60Hz
◦ **Motor type :** Brush motor
◦ **Product Dimension :** 168mm x 230mm x 1000mm

MAXIMUM SECURITY FOR
HIGH-RISK ZONES

FLEXIBLE ONE-WAY OR BI-DIRECTIONAL ACCESS CONTROL

INTEGRATES WITH MULTIPLE AUTHENTICATION METHODS: FACE, FINGERPRINT, CARD, PIN & QR

AUTOMATIC RESET AFTER EVERY PASSAGE

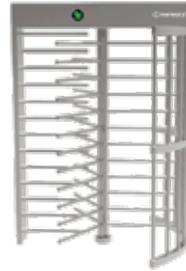**HEAVY-DUTY DESIGN FOR 24/7 OPERATION**

TIMEWATCH®
Presence perfect

FHT2300

Features
- **Integration :** Face, Finger, Card PIN & QR
- **Number of Rod :** 3 (FHT2300)
- **Passage Width :** 550mm
- **Material :** SS 304 Stainless steel
- **Traffic Direction :** Bi-directional
- **Traffic Speed :** Up to 15 People / Min.
- **Frequency :** 50-60Hz
- **Electro magnetic drive :** DC
- **Arms :** 3 spokes@120° angle x10 rotating arms (standard)

FHT2400

Features
- **Integration :** Face, Finger, Card PIN & QR
- **Number of Rod :** 4 (FHT2400)
- **Passage Width :** 550mm
- **Material :** SS 304 Stainless steel
- **Traffic Direction :** Bi-directional
- **Traffic Speed :** Up to 15 People / Min.
- **Frequency :** 50-60Hz
- **Electro magnetic drive :** DC
- **Arms :** 3 spokes@120° angle x10 rotating arms (standard)

FHT2300D

Features
- **Integration :** Face, Finger, Card PIN & QR
- **Number of Rod :** 3 (FHT2300D)
- **Passage Width :** 550mm
- **Material :** SS 304 Stainless steel
- **Traffic Direction :** Bi-directional
- **Traffic Speed :** Up to 15 People / Min.
- **Frequency :** 50-60Hz
- **Electro magnetic drive :** DC
- **Arms :** 3 spokes@120° angle x10 rotating arms (standard)

FHT2400D

Features
- **Integration :** Face, Finger, Card PIN & QR
- **Number of Rod :** 4 (FHT2400D)
- **Passage Width :** 550mm
- **Material :** SS 304 Stainless steel
- **Traffic Direction :** Bi-directional
- **Traffic Speed :** Up to 15 People / Min.
- **Frequency :** 50-60Hz
- **Electro magnetic drive :** DC
- **Arms :** 3 spokes@120° angle x10 rotating arms (standard)

PARKING & TRAFFIC
SOLUTIONS

- Automated Vehicle Entry
  & Exit Control
- ANPR & UHF RFID Enabled
- High-Security Bollards
  & Tyre Killers
- Smart, Scalable &
  Low Maintenance Design

Parking & Toll Barrier

TW-DCLD-7000

Features
- **Boom Length :** Straight Arm-6m, Folding Arm-4.5m
- **Lifting Speed :** 1.5 - 6s
- **Power Supply :** 220V ± 10% 50 ~ 60Hz
- **Voltage :** AC110V/220V
- **Remote Control Distance :** <30m
- **Duty Cycle :** 5 Million
- **Box Thickness :** Full-thickness of 1.5mm
- **Product Dimension :** 320mm x 250mm x 940mm

TW-DCLD-8000

Features
- **Boom Length :** Max 6m
- **Lifting Speed :** 0.6 - 6s
- **Power Supply :** AC110-220V, 50/60Hz
- **Voltage :** DC24V
- **Remote Control Distance :** <100m
- **Waterproof Grade :** IP54
- **Integration :** IC/ID card reader, QR Code scanner, Traffic Light, Loop detector, Radar sensor
- **Product Dimension :** 350mm x 235mm x 1000mm

ANPR & UHF Reader

TW-LPR2000

Features
- **Resolution :** 4mp / 8mp
- **IR Range :** 20m
- **Lens :** 12mm
- **Sensor :** Sony
- **Compression :** H.264
- **Frame Rate :** 30fps
- **Records Capacity :** 1,00,000 records
- **Flash Memory :** 32-128gb
- **Wi-Fi :** 2.4GHz & 5.0GHz, IEEE 802.11g Wireless

TW-UR12/12-UR5/5T

Features
- **Working Frequency :** National Standard (920~925MHz), American Standard (902~928MHz), Or customize other Frequency
- **Support Protocol :** ISO18000-6B, ISO18000-6C (EPC GEN2)
- **Frequency Power :** 0~26dBm, adjustable via software
- **Reading Sensitivity :** 1~5M (TW-UR5/5T) 1~15M (TW-UR12/12T)
- **Reading Speed :** Dual polarization reading
- **Working Status Indication :** Buzzer

Hydraulic Bollard & Spike Barrier

TW5200

Features
- **K4 CRASH RATED CERTIFIED BOLLARD**
- **Control system :** Electric hydraulic
- **Power supply :** 220V
- **System power :** 300W
- **Weight capacity :** >100 tons of Container Trucks
- **Opening time :** 1.5~3 Sec (can be adjustable)
- **Closing time :** 1.5~3 Sec (can be adjustable)
- **Controller Support :** 8 Bollard
- **Blade height :** 600mm

TW5500

Features
- **Control system :** Electric
- **Power supply :** 220V
- **System power :** 500W
- **Weight capacity :** 100 tons
- **Opening time :** 1~3 Sec (can be adjustable)
- **Closing time :** 1~3 Sec (can be adjustable)
- **Remote control distance :** >100m
- **Blade height :** 128 + 5mm

SECURITY INSPECTION SOLUTIONS

Door Frame Metal Detector

TIMEWATCH®
Presence perfect

TW100SE (Single Zone DFMD)

Features
- **Power Supply :** AC90V~240V 50/60Hz
- **Power Consumption :** 12W
- **People Counting :** Yes
- **Through Put Rate :** 30
- **Battery Backup :** Optional
- **Indicator Light :** Two LED Red & Green
- **Operating Frequency Range :** 1-50 Bands
- **Password protection :** Yes
- **Volume adjustable mode :** Yes

TWD-2101 (6/9/12 Zone DFMD)

Features
- **Detection Zones :** 6/9/12 Zone
- **Sensitivity :** 1000 levels
- **Control Panel :** 7 inch LCD Screen
- **People Counting :** Yes
- **Throughput Rate :** 30-40 people/min
- **Battery Backup :** Optional
- **Alarm Indicator :** LED light and sound
- **Power :** AC100-240V-50/60Hz
- **Working Voltage :** DC 12V/3A
- **Camera :** Optional

TWD-2618 (18 Zone DFMD)

Features
- **Detection Zones :** 18 Zone
- **Sensitivity :** 1000 levels
- **Control Panel :** 7 inch LCD Screen
- **People Counting :** Yes
- **Throughput Rate :** 30-40 people/min
- **Battery Backup :** Optional
- **Alarm Indicator :** LED light and sound
- **Power :** AC100-240V-50/60Hz
- **Working Voltage :** DC 12V/3A
- **Camera :** Optional

TWD-2333 (33 Zone DFMD)

Features
- **Detection Zones :** 33 Zone
- **Sensitivity :** 1000 levels
- **Control Panel :** 7 inch LCD Screen
- **People Counting :** Yes
- **Throughput Rate :** 30-40 people/min
- **Battery Backup :** Optional
- **Alarm Indicator :** LED light and sound
- **Power :** AC100-240V-50/60Hz
- **Working Voltage :** DC 12V/3A
- **Camera :** Optional

HHMD & Narcotics Detector

TW-HH100

Features
- **Net Weight :** 170g (No battery)
- **Operation Voltage :** DC 7~12V
- **Staple :** 30-50mm
- **Tiananmen-Style Pistol :** Vertical : 1.6mm, Horizontal : 1.6mm
- **38 Caliber Pistol :** 250mm
- **Battery :** Optional
- **Audible or Vibrating Alarm :** Yes
- **Product Dimension :** 295 x 68 x 28mm

TWND-800

Features
- **Frequency range :** 2.404 GHz - 2.472 Ghz
- **Receiving sensitivity :** <125dBm
- **Battery working time :** 4.0H
- **Battery type :** Replaceable lithium battery
- **Detection distance :** >6M, C-class product

TW-NE2000

Features
- **Principle :** Ion mobility spectrometry
- **Ionizer :** Non-radioactive ionization source
- **Sensitivity :** Nanogram (10-9-10-7gram)
- **Analyzing time :** 8 seconds
- **Warm up time :** <20 minutes
- **Display Screen :** 7 inches touch screen
- **Battery Life :** >3 hours
- **Device interface :** USB, LAN, HDMI
- **Narcotics :** Cocaine, Heroin, Morphine, THC, Methamphetamine(MA), Ketamine Fentanyl etc.
- **Explosives :** TNT, RDX, BP, PETN, NG, AN, HMTD, Tetryl, TATP etc.

TW-NE3000

Features
- **Analysis time :** <5s
- **Start-up time :** <10s
- **Detection Sensitivity :** Particulate: TNT LOD <0.05ng Vapor: PPM
- **False alarm rate :** <1%
- **Display Screen :** 3"TFT Color display Screen
- **Battery :** Two Li-ion Rechargeable Battery
- **Battery Working Time :** Up to 8 hours
- **Protection Level :** IP53
- **Substances detected :** TNT, DNT, MNT, Picric Acid, RDX, PETN, TATP, NG, Tetryl, HMX, C4, NA, AN, Black Powder, etc.

X-RAY BAGGAGE SCANNER

- **AI Enable**
- **HD Color Display**
- **Compact Design**
- **Energy Saving**
- **Baggage Counter**

IDEAL FOR

Metro	Airport	Mall	Office	School

TIMEWATCH®
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TW5030

Features
- Tunnel Size : 50cm x 30cm
- X-Ray tube Anode Voltage : 80 Kv
- Penetration Steel : 12mm
- Conveyor Speed : 0.2 m/s
- Baggage Counter : Yes
- Maximum Belt Load : 80 kg
- Power Supply : 220-240 VAC
- Product Dimension : 1660 mm × 746 mm × 1165 mm

TW5030 (AI)

Features
- AI Enabled (Auto Detects the object) : Yes
- Tunnel Size : 50cm x 30cm
- X-Ray tube Anode Voltage : 80 Kv
- Penetration Steel : 8mm
- Conveyor Speed : 0.2 m/s
- Baggage Counter : Yes
- Maximum Belt Load : 80 kg
- Power Supply : AC 110V to 230V
- Product Dimension : 1483(L) × 730(W) × 1060(H)

TW6040B

Features
- Tunnel Size : 60cm x 40cm
- X-Ray tube Anode Voltage : 160 Kv
- Penetration Steel : 30mm
- Conveyor Speed : 0.2 m/s
- Baggage Counter : Yes
- Maximum Belt Load : 170kg
- Power Supply : AC 220V - 240V, 50/60Hz
- Product Dimension : 2648 × 844 × 1206mm

TW6040B (AI)

Features
- AI Enabled (Auto Detects the object) : Yes
- Tunnel Size : 60cm x 40cm
- X-Ray tube Anode Voltage : 160 Kv
- Penetration Steel : 30-35 mm
- Conveyor Speed : 0.2 m/s
- Baggage Counter : Yes
- Maximum Belt Load : 165 kg
- Power Supply : AC 220V - 240V, 50/60Hz
- Product Dimension : 2011(L) × 887(W) × 1260(H)

TW6550

Features
- Tunnel Size : 65cm x 50cm
- X-Ray tube Anode Voltage : 160 Kv
- Penetration Steel : 30-35 mm
- Conveyor Speed : 0.2 m/s
- Baggage Counter : Yes
- Maximum Belt Load : 160kg
- Power Supply : AC 220V - 240V, 50/60Hz
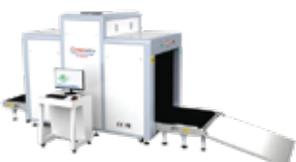- Product Dimension : 2194 x 902 x 1362.5mm

Ai-Scan-DV

Features
- AI Enabled (Auto Detects the object) : Yes
- Tunnel Size : 60cm x 40cm
- X-Ray tube Anode Voltage : 160 Kv
- Penetration Steel : 30-35 mm
- Conveyor Speed : 0.2 m/s
- Conveyor Height : 600mm
- Baggage Counter : Yes
- Maximum Belt Load : 180 kg
- Power Supply : AC 220V, 50Hz/60Hz
- Product Dimension : 2311(L) × 1172(W) × 1260(H)

TW100100

Features
- Tunnel Size : 100cm x 100cm
- X-Ray tube Anode Voltage : 160 Kv
- Penetration Steel : 35mm (±2mm)
- Conveyor Speed : 0.2 m/s
- Baggage Counter : Yes
- Maximum Belt Load : 180-200 kg
- Power Supply : AC 220V - 240V, 50/60Hz
- Product Dimension : 3638 x 1295 x 1916.5mm

TW100100(AI)

Features
- AI Enabled (Auto Detects the object) : Yes
- Tunnel Size : 100cm x 100cm
- X-Ray tube Anode Voltage : 160 Kv
- Penetration Steel : 30-35 mm
- Conveyor Speed : 0.2 m/s
- Baggage Counter : Yes
- Maximum Belt Load : 200kg
- Power Supply : AC220V+10%~-15% 50±3Hz
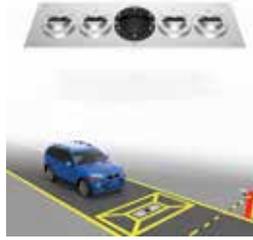- Product Dimension : 3592 (L) x 1360(W) x 1894(H)mm

TIMEWATCH®
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TW3000

Features
- Scanning rate : 18kHz
- Vehicle speed : 1-60 km/h
- View angle : 170 degrees
- Lighting : 160W
- Load-bearing weight : 30T
- Waterproof grade : IP68 (the highest level)
- Imaging speed : <1 second
- Product Dimension : 450 x 400 x 88 mm

TW3300

Features
- Scanning rate : 18kHz
- Vehicle speed : 1-60 km/h
- View angle : 170 degrees
- Lighting : 160W
- Load-bearing weight : 50T
- Waterproof grade : IP68 (the highest level)
- Imaging speed : <1 second
- Product Dimension : 1200 x 350 x 210mm

Cargo Scanner

CARGO SCANNER

- 3 x 3 meter Tunnel Size
- AI Threat Detection
- Dual/Multi view Scanning
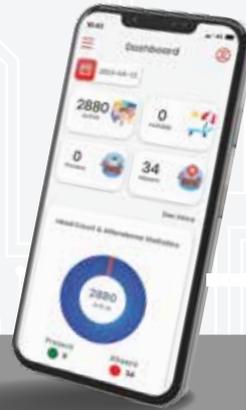- Large Cargo Support
- High-Penetration Imaging

SOFTWARE & APPLICATIONS

BIOMANAGER

SMART ATTENDANCE & PAYROLL MANAGEMENT

ONE PLATFORM. **ONE** DATA. **ALL** DEVICES.

Web Dashboard & Cloud Access

Real-Time Sync Across Platforms

ATTENDANCE & WORKFORCE TRACKING

- Employee Enrollment from Mobile App
- Face Verification & Photo Attendance
- Real-Time GPS Location Capture

MOBILE WORKFORCE MANAGEMENT

- Attendance from Mobile
- Photo, GPS, Geo-Fencing & Route Tracking
- Leave & Out-Duty Requests

HR, LEAVE & REPORTS

- Multi-Level Leave Approval
- Email & App Notifications
- Daily Headcount & MIS Reports

ANDROID APP ON Google play

Available on the iPhone App Store

PAYROLL
MANAGEMENT

Seamless
multi-currency
payroll management
across all locations

Multi-Currency
Payroll Processing

Automated Salary
Calculation

Overtime, Leave
& Holiday
Payroll Integration

Salary Slips
Generation
(PDF & Email)

Tax, Loan &
Advance Management

Secure Payroll
Reports & Audit Logs

Monthly & Daily
Wage Payroll
Processing

Employee Wise
Payroll Management
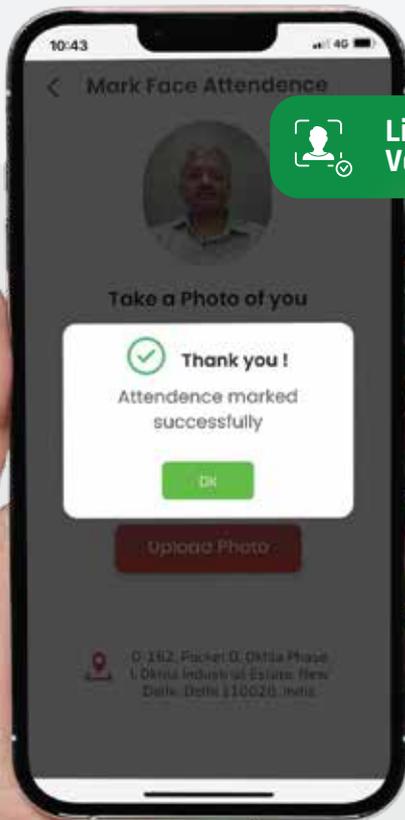
Live Face Verification

MOBILE
APPLICATION

Live Attendance
Monitoring

Cloud-Connected for
Anytime Access

Daily head count on
Dashboard.

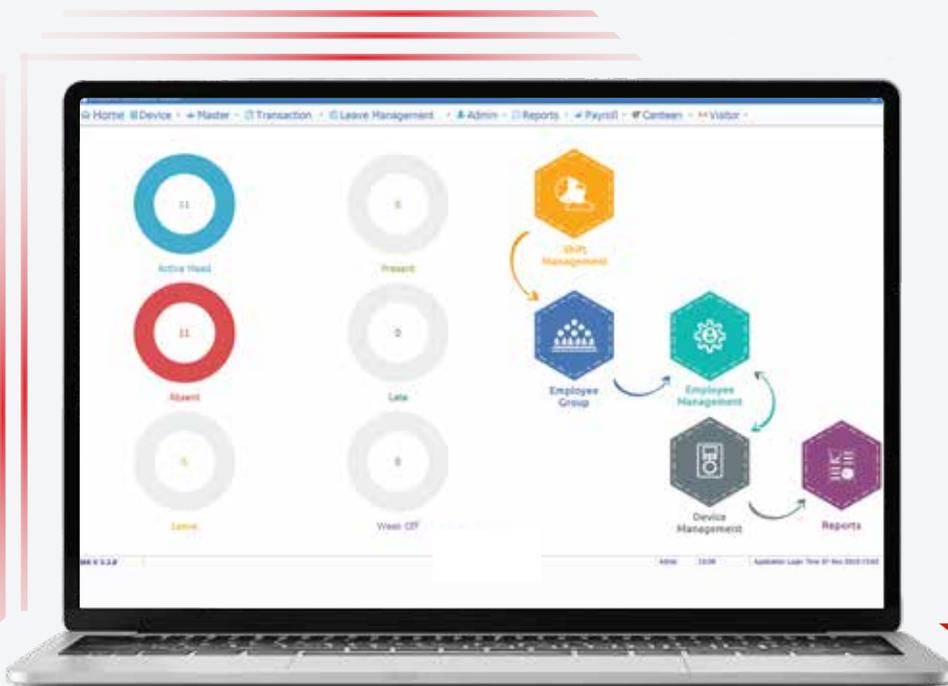Geo-Fencing enabled
for on-field staff

View check-in
location & time

Mobile
Enrollment.

" SCAN HERE
TO DOWNLOAD
THE MOBILE APP "

iAS DESKTOP BASED
TIME ATTENDANCE SOFTWARE

Shift Roster for Multiple Shifts

Leave Management System

Automated Salary Calculation

Device Management & Monitoring

Basic Payroll Management

Monthly & Daily Attendance Reports

Office Time Policy Configuration

Employee-wise Payroll Management

VISITOR
MANAGEMENT
SYSTEM

- Pre-Appointments & Host Notifications
- Real-Time Visitor Tracking
- ID & Badge Management
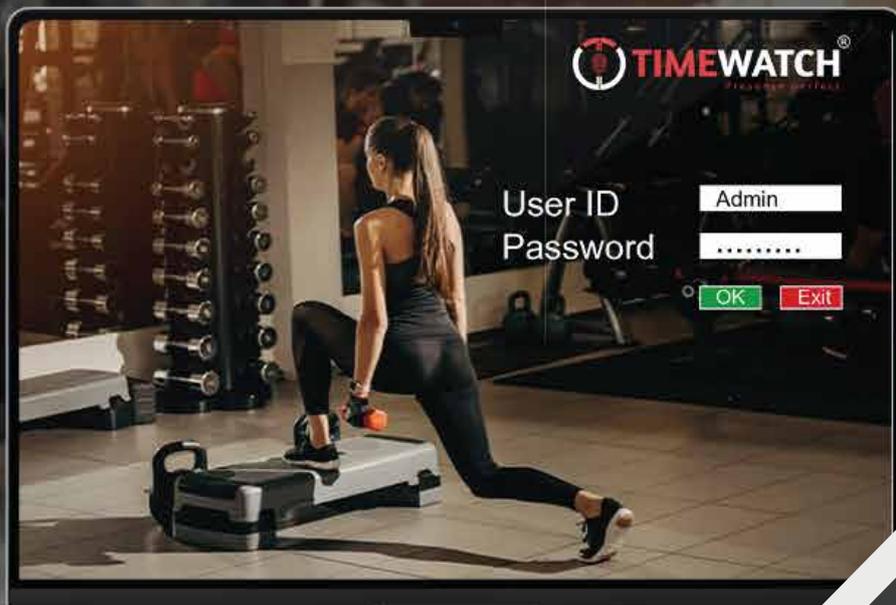- Enhanced Security & Compliance

CANTEEN
MANAGEMENT
SYSTEM

Streamline food distribution with smart automation

BIOMETRIC & CARD BASED ACCESS

EXPORT DATA TO PAYROLL AND BILLING SOFTWARE

MEAL & ITEM WISE CONTROL

INTEGRATION WITH PRINTER

GYM
MANAGEMENT

User Friendly software to manage large no. of Members

Comprehensive software From member Registration to settlements

Automatic mail alert for members regarding payment

Validity set option along with reports on collections

Track member workout Timing (in & out)

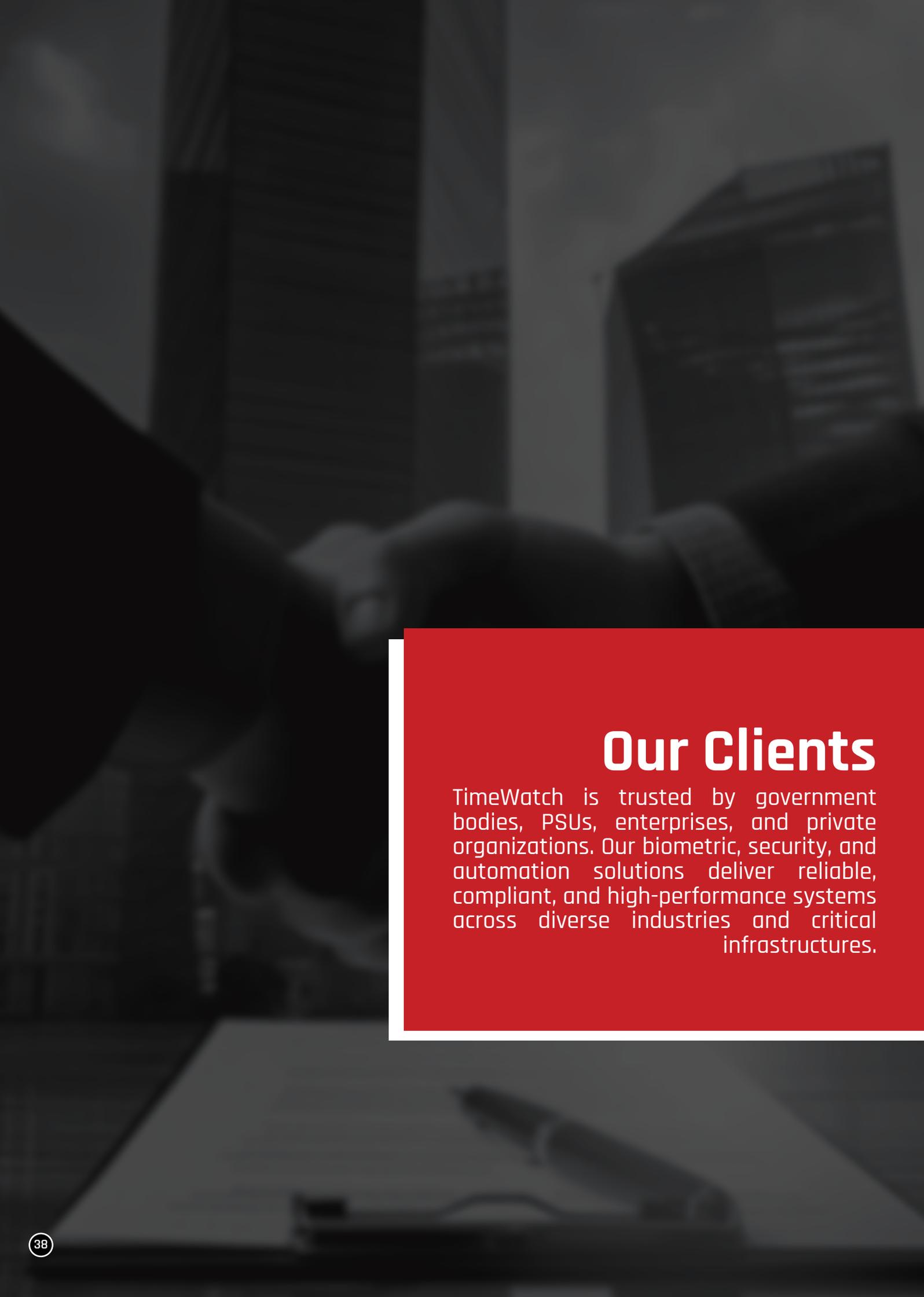**Other functions include billing, Scheduling, Training & Tracking**

PARKING
MANAGEMENT
SYSTEM

ANPR-based parking system that allows entry only for authorized vehicles.

RFID-based parking management ideal for restricted areas with authorized vehicle access only.

Automatic boom barrier with RFID and ANPR allows access only to authorized vehicles.

Our Clients

TimeWatch is trusted by government bodies, PSUs, enterprises, and private organizations. Our biometric, security, and automation solutions deliver reliable, compliant, and high-performance systems across diverse industries and critical infrastructures.

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INTECREW
iserve
JR Group
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FINANCIAL SERVICES
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Comfort & Care Since 1975
KGK JET India
Subsidiary of KGK JET Japan

AEGIS
Krishna
L&T Heavy Engineering
Universal Links
MTV BRC TRUST

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MASTER FACADES INDIA PRIVATE LIMITED
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TIMEWATCH®
Presence perfect

Thank You

Towards a World of trust, Safety & Security

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