

Verification









Features









USB





Touch Screen



Thermal Face Recognition Device

TrueFace50-TM

It is widely used in parks, communities, business centers and factories, and ideal for places such as office buildings, government buildings, schools and stadiums.

Features

- 7" LCD with a resolution of 600×1024 .
- 2-MP dual-lens CMOS camera.
- Supports 50,000 users, 50,000 faces, 50,000 passwords, 50,000 cards, 50 administrators, and 300,000 records.
 - Multiple unlock methods including Face, Card and Password.
- Recognizes faces 0.3 m to 3.0 m away (0.98 ft-9.84 ft), and detects persons between the height of 0.9 m and 2.4 m (2.95 ft-7.87 ft).
- Powered by the face recognition deep learning algorithm, the device can accurately locate over 360 key points on the face of a target.
- Faces can be recognized within 0.2 seconds, without need for the person to touch the device.
- Features face mask detection and Temperature Measurement detection. Plays advertisements in video and image format.







Specification

Capacity	
User Capacity	50,000
Face Capacity	50,000
Card Capacity	50,000
Password Capacity	50,000
Log Capacity	3,00,000
System	
Main Processor	Embedded Processor
Network Protocol	UDP; TCP; IPv4; RTSP; SIP; P2P; RTP
OSDP Protocol	Yes
SDK and API	Yes
Basic	
Product Type	Standalone
Display Screen	7" LCD
Screen Type	Capacitive Touchscreen
Screen Resolution	600 (H) × 1024 (V)
Camera	2-MP CMOS HD dual-lens camera
11/55	
WDR	DWDR
Light Compensation	DWDR Auto IR

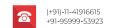
Function	
Unlock Mode	Face, Card and Password
Card Type	Mi-Fare Card
Period List	128 periods
Holiday Period	128 periods
Network Update	Yes
First User Unlock	Yes
Remote Verification	Yes
Restricted List/Trusted List	Yes

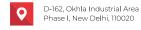






Temperature Monitoring	Peripheral Card Reader	1 × RS–485 card reader; 1 × Wiegand card reader
Real-time Monitoring Yes Multi-Factor Authentication Yes Capture Function Yes Web Configuration Yes Auto Registration Yes Performance Card Reading Distance 0 cm-3 cm (0"-1.18") Face Recognition Height Range 0.9 m-2.4 m (2.95 ft-7.87 ft) Face Recognition Distance 0.3 m-2.0 m (0.98 ft-6.56 ft) Face Recognition Accuracy 99.9% Face Recognition Time 0.2 s Temperature Monitoring Error < 0.5 s		_
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Capture Function Yes Web Configuration Yes Auto Registration Yes Performance Card Reading Distance 0 cm-3 cm (0"-1.18") Face Recognition Height Range 0.9 m-2.4 m (2.95 ft-7.87 ft) Face Recognition Distance 0.3 m-2.0 m (0.98 ft-6.56 ft) Face Recognition Accuracy 99.9% Face Recognition Time 0.2 s Temperature Monitoring Error ≤ 0.5 s Temperature Monitoring Distance 0.3 m-1.2 m Temperature Monitoring Height 135 cm-185 cm Port RS-485 1 RS-232 1 Wiegand 1 USB 1 × USB 2.0 Network Port 1 × R]-45 10/100 Mbps self-adaptive Ethernet port Exit Button 1 Alarm Input 1 Alarm Output 1 Alarm Linkage Yes Lock Control 1 Door Status Detection 1 Alarm Yes Tamper Alarm Yes		
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Face Recognition Distance Face Recognition Accuracy Face Recognition Accuracy Face Recognition Time 0.2 s Temperature Monitoring Error Temperature Monitoring Distance Temperature Monitoring Height 70.3 m−1.2 m Temperature Monitoring Height 135 cm−185 cm Port RS-485 1 RS-232 1 Wiegand 1 USB 1 × USB 2.0 Network Port 1 × RJ-45 10/100 Mbps self-adaptive Ethernet port Exit Button 1 Alarm Input 1 Alarm Output 1 Alarm Output 1 Alarm Linkage Lock Control 1 Door Status Detection 1 Alarm Anti-pass Back Yes Tamper Alarm Yes Door Sensor Timeout Intrusion 1 Yes	Card Reading Distance	0 cm–3 cm (0"–1.18")
Face Recognition Accuracy Face Recognition Time 0.2 s Temperature Monitoring Error Temperature Monitoring Distance Temperature Monitoring Distance Temperature Monitoring Height 135 cm−185 cm Port RS-485 1 RS-232 1 Wiegand 1 USB 1 × USB 2.0 Network Port Exit Button 1 Alarm Input 1 Alarm Output 1 Alarm Linkage Lock Control Door Status Detection 1 Alarm Anti-pass Back Temper Alarm Yes Duress Alarm Yes Door Sensor Timeout Intrusion 1 × 0.2 s 1 × 0.3 m−1.2 m 1 × 0.3 m−	Face Recognition Height Range	0.9 m-2.4 m (2.95 ft-7.87 ft)
Face Recognition Time Temperature Monitoring Error Temperature Monitoring Distance Temperature Monitoring Distance Temperature Monitoring Height 135 cm−185 cm Port RS-485 1 RS-232 1 Wiegand 1 USB 1 × USB 2.0 Network Port Exit Button 1 Alarm Input 1 Alarm Output 1 Alarm Linkage Lock Control Door Status Detection Anti-pass Back Tamper Alarm Pouress Alarm Yes Door Sensor Timeout Yes Intrusion 10.3 m−1.2 m 135 cm−185 cm 145 cm−185 cm 145 cm−185 cm 145 cm−185 cm 14 cm−185 cm 14 cm−185 cm 15 cm−185 cm 16 cm−185 cm 17 cm−185 cm 18 cm−185 cm 19 cm−185 cm 10 dm−185 cm 11 cm−185 cm 11 cm−185 cm 12 cm−185 cm 13 cm−185 cm 14 cm−185 cm 15 cm−185 cm 16 cm−185 cm 17 cm−185 cm 18 cm−185 cm 18 cm−185 cm 18 cm−185 cm 18 cm−185 cm 19 cm−185 cm 10 dm−185 cm	Face Recognition Distance	0.3 m-2.0 m (0.98 ft-6.56 ft)
Temperature Monitoring Error ≤ 0.5 s Temperature Monitoring Distance 0.3 m-1.2 m Temperature Monitoring Height 135 cm-185 cm Port RS-485 1 RS-232 1 Wiegand 1 USB 1 × USB 2.0 Network Port 1 × RJ-45 10/100 Mbps self-adaptive Ethernet port Exit Button 1 Alarm Input 1 Alarm Output 1 Alarm Linkage Yes Lock Control 1 Door Status Detection 1 Alarm Anti-pass Back Yes Tamper Alarm Yes Duress Alarm Yes Door Sensor Timeout Yes Intrusion 1 Van Manuel Monitoring Error 135 cm 1	Face Recognition Accuracy	99.9%
Temperature Monitoring Distance Temperature Monitoring Height 135 cm-185 cm Port RS-485 RS-232 1 Wiegand 1 USB 1 × USB 2.0 Network Port 1 × RJ-45 10/100 Mbps self-adaptive Ethernet port Exit Button 1 Alarm Input 1 Alarm Output 1 Alarm Linkage Yes Lock Control Door Status Detection 1 Alarm Anti-pass Back Yes Tamper Alarm Yes Duress Alarm Yes Door Sensor Timeout Intrusion 135 cm-185 cm 1	Face Recognition Time	0.2 s
Temperature Monitoring Height 135 cm-185 cm	Temperature Monitoring Error	≤ 0.5 s
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RS-232 1 Wiegand 1 USB 1 × USB 2.0 Network Port 1 × RJ-45 10/100 Mbps self-adaptive Ethernet port Exit Button 1 Alarm Input 1 Alarm Output 1 Alarm Linkage Yes Lock Control 1 Door Status Detection 1 Alarm Yes Tamper Alarm Yes Duress Alarm Yes Door Sensor Timeout Yes Intrusion Yes	Port	
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USB1 × USB 2.0Network Port1 × RJ-45 10/100 Mbps self-adaptive Ethernet portExit Button1Alarm Input1Alarm Output1Alarm LinkageYesLock Control1Door Status Detection1AlarmYesTamper AlarmYesDuress AlarmYesDoor Sensor TimeoutYesIntrusionYes	RS-232	1
Network Port 1 × RJ-45 10/100 Mbps self-adaptive Ethernet port Exit Button 1 Alarm Input 1 Alarm Output 1 Alarm Linkage Yes Lock Control 1 Door Status Detection 1 Alarm Anti-pass Back Yes Tamper Alarm Yes Duress Alarm Yes Door Sensor Timeout Yes Intrusion Yes	Wiegand	1
Exit Button 1 Alarm Input 1 Alarm Output 1 Alarm Linkage Yes Lock Control 1 Door Status Detection 1 Alarm Anti-pass Back Yes Tamper Alarm Yes Duress Alarm Yes Door Sensor Timeout Yes Intrusion Yes	USB	1 × USB 2.0
Alarm Input 1 Alarm Output 1 Alarm Linkage Yes Lock Control 1 Door Status Detection 1 Alarm Anti-pass Back Yes Tamper Alarm Yes Duress Alarm Yes Door Sensor Timeout Yes Intrusion Yes	Network Port	1 × RJ-45 10/100 Mbps self-adaptive Ethernet port
Alarm Output 1 Alarm Linkage Yes Lock Control 1 Door Status Detection 1 Alarm Anti-pass Back Yes Tamper Alarm Yes Duress Alarm Yes Door Sensor Timeout Yes Intrusion Yes	Exit Button	1
Alarm Linkage Yes Lock Control 1 Door Status Detection 1 Alarm Anti-pass Back Yes Tamper Alarm Yes Duress Alarm Yes Door Sensor Timeout Yes Intrusion Yes	Alarm Input	1
Lock Control 1 Door Status Detection 1 Alarm Anti-pass Back Yes Tamper Alarm Yes Duress Alarm Yes Door Sensor Timeout Yes Intrusion Yes	Alarm Output	1
Door Status Detection1AlarmAnti-pass BackYesTamper AlarmYesDuress AlarmYesDoor Sensor TimeoutYesIntrusionYes	Alarm Linkage	Yes
Anti-pass Back Yes Tamper Alarm Yes Duress Alarm Yes Door Sensor Timeout Yes Intrusion Yes	Lock Control	1
Anti-pass Back Yes Tamper Alarm Yes Duress Alarm Yes Door Sensor Timeout Yes Intrusion Yes	Door Status Detection	1
Tamper Alarm Yes Duress Alarm Yes Door Sensor Timeout Yes Intrusion Yes	Alarm	
Duress AlarmYesDoor Sensor TimeoutYesIntrusionYes	Anti-pass Back	Yes
Door Sensor Timeout Yes Intrusion Yes	Tamper Alarm	Yes
Intrusion Yes	Duress Alarm	Yes
	Door Sensor Timeout	Yes
Illegal Card Exceeding Threshold Yes	Intrusion	Yes
	Illegal Card Exceeding Threshold	Yes



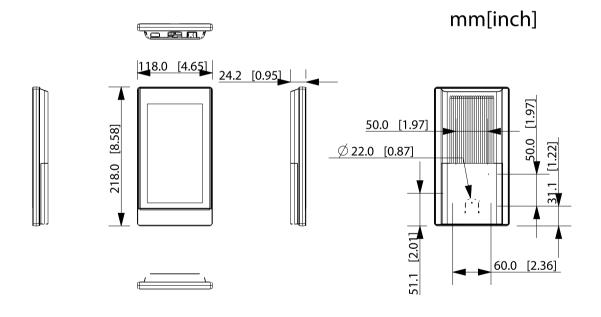






General	
Power Adapter	Included
Power Supply	12 VDC, 2 A
Power Consumption	≤24 W
Product Dimensions	218mm*118mm*24.2mm (8.58"*4.65"*0.95") (H*W*D)
Packaging Dimensions	390mm*320mm*360mm (15.35"*12.60"*14.17") (H*W*D) Protection Box
Working Temperature	30°C to 45°C (86°F to 113°F)
Operating Humidity	0%–90% (RH), non-condensing
Operating Altitude	0 m-1,300 m (0 ft-4,265.09 ft)
Operating Environment	Indoor
Gross Weight	0.67 kg (1.48 lb)
Accessory	Included: Wall mount bracket
Installation	Turnstile Mount; wall; floor bracket mount

Dimensional Drawing



Applications

















Retail

Government

Logistics

Office

Factory

Head Office: D-162, Okhla Industrial Area Phase I, New Delhi, 110020.

Regional Office: Mumbai, Bengaluru, Ahmedabad, Chennai, Kolkata.

Phone: +91-95999-53923

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Support: helpdesk@timewatchindia.com

International Office: Dubai

Disclaimer: All pictures shown are for illustration purposes only. The actual product and color may vary due to product enhancement. The brief specification is mentioned and may change without prior notice. Please consult us before placing any order.

