

Time Attendance & Access Control Terminal TrueFace1L



TrueFace1L is AI-powered face recognition time attendance and access control terminal designed for high-capacity and high-security environments. Featuring an 8-inch HD LCD display and a 2-MP CMOS dual-lens camera, it delivers fast, contactless authentication with advanced deep learning algorithms that recognize over 360 facial key points, achieving accurate face recognition in just 0.2 seconds.

Supporting multiple verification methods including Face, Card, Password, and QR Code, along with face mask detection and flexible authentication modes, it ensures secure and efficient access management. With support for up to 100,000 users, 500,000 cards, and 300,000 event records, plus simultaneous recognition of up to six faces, web-based user management, and multimedia advertisement display, the TrueFace1L is an ideal solution for corporate offices, commercial buildings, manufacturing facilities, educational institutions, and other large-scale access control applications.

Verification & Features



Face



Password



Card



Multi Face



Mask Detection



Live Detection



Touch Screen



Wi-Fi



Cloud



USB

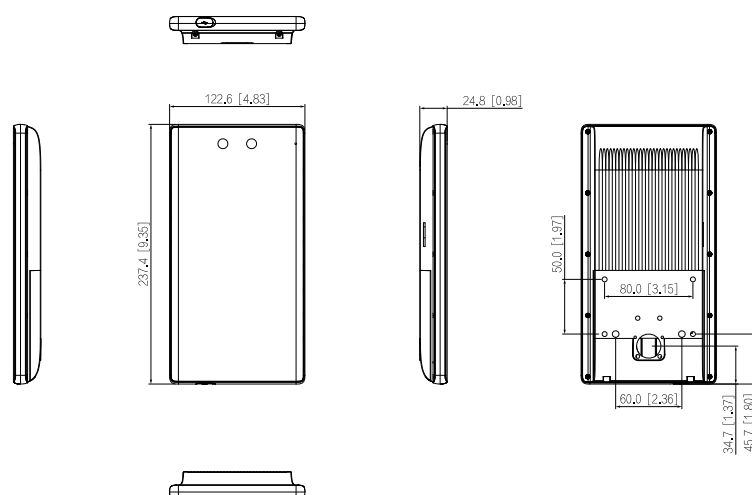
Technical Specification

System	
Main Processor	Embedded Processor
Network Protocol	UDP;TCP;IPv6;IPv4;RTSP;SIP;P2P;RTP
OSDP Protocol	Yes
SDK and API	Yes
Verification and User Capacity	
Verification Method	Face, Card, Password & QR
User Capacity	100000
Face Capacity	100000
Card Capacity	500000
Password Capacity	100000
Record Capacity	300,000
Basic	
Product Type	Standalone
Display Screen	8" LCD
Screen Type	Capacitive Touchscreen
Screen Resolution	1280 (V) × 800 (H)
Camera	1/2.7" 2MP CMOS HD camera with WDR
WDR	120 dB
Light Compensation	Auto IR
Voice Prompt	Yes
Speaker	Yes
Casing Material	PC
Function	
Frequency Range	13.560 MHz
Period List	128
Holiday Period	128
Network Update	Yes
First User Unlock	Yes
Wi-Fi	Yes

Wireless Standard	IEEE802.11b/802.11g/802.11n
Wireless Frequency Range	2.4 GHz
Peripheral Card Reader	1 × RS-485 card reader, and 1 × Wiegand card reader
Multi-user Authentication	Yes
Real-time Monitoring	Yes
Multi-factor Authentication	Yes
Capture Function	Yes
Web Configuration	Yes
Performance	
Card Reading Distance	4 cm–6 cm (1.57"–2.36")
Face Recognition Height Range	0.9 m–2.4 m (2.95 ft–7.87 ft)
Face Recognition Distance	0.3 m–3 m (0.98 ft–9.84 ft)
Face Recognition Accuracy	99.9%
Face Recognition Time	0.2 s
Port	
RS-485	1
RS-232	1
Wiegand	1, input and output port
USB	1 × USB 2.0 port
Network Port	1 × 10 Mbps/100 Mbps Ethernet port
Alarm Input	2 (On/off signal)
Alarm Output	2 (Relay)
Alarm Linkage	Yes
Exit Button	1
Door Status Detection	1
Lock Control	1
Alarm	
Anti-pass Back	Yes
Tamper Alarm	Yes
Duress Alarm	Yes
Door Sensor Timeout	Yes

Intrusion	Yes
Illegal Card Exceeding Threshold	Yes
General	
Power Adapter	Included
Power Supply	12 VDC, 2 A
Protection	IP65
Power Consumption	≤24 W
Product Dimensions	237.4 mm × 122.6 mm × 24.8 mm (9.35" × 4.83" × 0.98")
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	0%–90% (RH), non-condensing
Operating Environment	Indoor; outdoor
Accessory	Included wall mount bracket
Installation	Turnstile Mount; Wall; Floor Bracket Mount

Dimension Drawing



Application



Education



Office



Government



Health



Bank



Logistics



Factory



Retail

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.