FACIAL RECOGNITION DEVICE
IDT TrueFace3000

Verification

Face Password

Features

Mask Detection Live Detection Cloud WDR

Touch Screen Wi-Fi TCP/IP MultiFace

IDT TrueFace3000, an advanced access control and authentication device integrating facial recognition, card scanning, and password authentication. Engineered with state-of-the-art biometric technology, this groundbreaking solution sets a new standard in security and convenience across diverse use cases.

TECHNICAL SPECIFICATIONS

- 4.3 inch glass touch screen with a resolution of 480 × 272.
- 2-MP wide-angle dual-lens camera with IR illumination and DWDR.
- Multiple unlock methods including Face and Password. You can also combine them to create your own personal unlock methods.
- Supports mask detection.
- Recognizes faces 0.3 m to 1.5 m away (0.98 ft-4.92 ft).
- Supports 3,000 users, 3,000 Faces, 3,000 Passwords, 50 Administrators, and 300,000 Records.
- Liveness detection has a face recognition accuracy rate of 99.9% and the 1:N comparison time is 0.2s per person.
- Supports customization of voice prompts.

PHYSICAL PARAMETER

User Capacity	3,000
Face Capacity	3,000
Password Capacity	3,000
Log Capacity	3,00,000

SYSTEM

Main Processor	Embedded Processor
Network Protocol	IPv4;RTSP;RTP;TCP;UDP;SIP;P2P
OSDP Protocol	Yes
SDK and API	Yes

BASIC

Product Type	Standalone
Display Screen	4.3" LCD
Screen Type	Capacitive Touchscreen
Screen Resolution	480 (H) × 272 (V)
Camera	2-MP CMOS HD dual-lens camera
WDR	DWDR
Light Compensation	Auto IR
Voice Prompt	Yes
Casing	PC + ABS

FUNCTION

Unlock Mode	Face and Password
Period List	128 periods
Holiday Period	128 periods
Network Update	Yes
First User Unlock	Yes
Remote Verification	Yes
Restricted List/Trusted List	Yes
Multi-user Authentication	Yes
Real-time Monitoring	Yes
Web Conguration	Yes
Auto Registration	Yes

PERFORMANCE

Face Recognition Height Range	1.1 m– 2.0 m (3.61 ft–6.56 ft)
Face Recognition Distance	0.3 m–1.5 m (0.98 ft–4.92 ft)
Face Recognition Accuracy	99.9%
Face Recognition Time	0.2 s
Read Speed (QR Code)	500 ms

PORT

USB	1 × USB 2.0
Network Port	1 × RJ-45 10/100 Mbps self-adaptive Ethernet port

ALARM

Tamper Alarm	Yes
Door Sensor Timeout	Yes
Intrusion	Yes

GENERAL

Power Adapter	Standard
Power Supply	12 VDC, 1.5 A
Power Consumption	≤18 W
Product Dimensions	115.0mm*118.0mm*27.1mm (4.53"*4.65"*1.07") (H*W*H)
Packaging Dimensions	190mm*179mm*127mm (7.48"*4.65"*5.00") (L*W*H) Protection Box
Operating Temperature	−10 ℃ to +40 ℃ (+14 °F to +104 °F)
Operating Humidity	0%–90% (RH), non-condensing
Operating Environment	Indoor
Net Weight	250 g (0.55 lb)
Gross Weight	400 g (0.88 lb)
Accessory	Wall mount bracket (included)
Installation	Desk Mount

ORDER INFORMATION

Part Number	IDT.TF3000

APPLICATION AREA

Education	Retail	Government	Health	Bank	Logistics	Office	Factory