

FACIAL RECOGNITION DEVICE

IDT Face3K

Verification



Face



Password

Features



Mask Detection



Live Detection



Cloud



WDR



Touch Screen



Wi-Fi



TCP/IP



MultiFace



IDT Face3K, 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 & QR Code.
- Recognizes faces 0.3 m to 1.5 m away (0.98 ft-4.92 ft).
- Supports 5,000 users, 5,000 faces, 5,000 passwords, 5,000 cards, 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	5,000
Face Capacity	5,000
Password Capacity	5,000
QR Capacity	5,000
Card Capacity	5,000
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, Mifare Card, and QR
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

Card Reading Distance	0 cm–3 cm (0"–1.18")
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
RS485, Weigand, Exit Button, Lock Control, Door Status Detection	1

ALARM

Tamper Alarm, Anti-pass Back	Yes
Door Sensor Timeout	Yes
Intrusion, Duress Alarm	Yes
Illegal Card Exceeding Threshold	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 °C to +40 °C (+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.F3K
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APPLICATION AREA



Education



Retail



Government



Health



Bank



Logistics



Office



Factory



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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