

FACIAL RECOGNITION DEVICE

IDT Face6K

Verification



Face



Password



Card



QR

Features



AI Based



Mask Detection



Live Detection



Cloud



Touch Screen



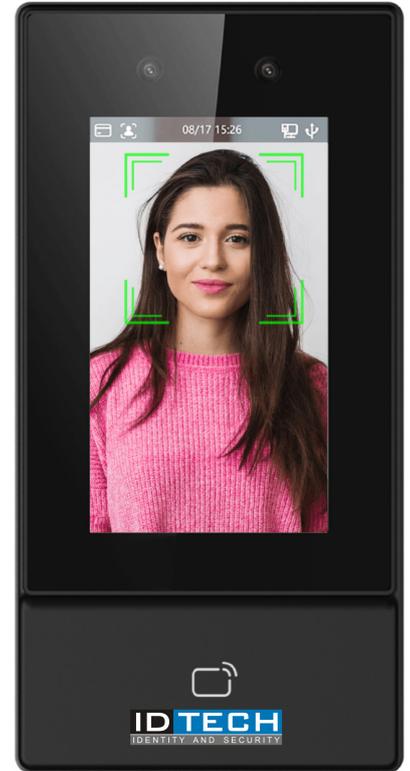
WDR



IP65 Rating



MultiFace



TECHNICAL SPECIFICATIONS

- 4.3 inch glass touch screen with a resolution of 272 x 480.
- 2-MP wide-angle dual-lens camera with IR illumination and DWDR.
- Multiple unlock methods including Face, Card and Password.
- Supports 10,000 Users, 10,000 Faces, 10,000 Passwords, 10,000 Cards, 10,000 QR's, 50 Administrators, and 300,000 Records.
- Recognizes faces 0.3 m to 1.5 m away (0.98 ft-4.92 ft); face recognition accuracy rate of 99.9% and the 1:N comparison time is 0.2 s per person.
- Supports improved security and to protect against the device being forcefully opened, security module expansion is supported.
- Features face mask detection and safety helmet detection.
- Manages attendance and exports attendance records.
- Supports visitor QR code.
- TCP/IP connection.
- IP65 rated.

PHYSICAL PARAMETER

User Capacity	10,000
Face Capacity	10,000
Password Capacity	10,000
QR/CARD Capacity	10,000
Log Capacity	3,00,000

SYSTEM

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

BASIC

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

FUNCTION

Unlock Mode	Face, Card, Password and QR
Card Type	Mi-Fare Card / Proximity Card
Period List	128 periods
Holiday Period	128 periods
Network Update	Yes
First User Unlock	Yes
Remote Verification	Yes
Restricted List/Trusted List	Yes
Peripheral Card Reader	1 × RS-485 card reader; 1 × Wiegand card reader
Multi-user Authentication	Yes
Real-time Monitoring	Yes
Capture Function	Yes
Web Configuration	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
Card Reading Distance	0 cm–3 cm

PORT

RS-485	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 / Alarm Output	1
Alarm Linkage	Yes
Lock Control & Door Status Detection	1

ALARM

Tamper & Duress Alarm	Yes
Anti-Pass Back	Yes
Door Sensor Timeout	Yes
Intrusion & Illegal Card Exceeding Threshold	Yes

GENERAL

Power Adapter	Standard
Power Supply	12 VDC, 1.5 A
Power Consumption	≤ 18 W
Product Dimensions	180.1mm*90.1mm*27.0mm (L*W*H)
Packaging Dimensions	590mm*432mm*302mm (L*W*H) Protection Box
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	0%–90% (RH), non-condensing
Operating Environment	Outdoor, Indoor
Operating Altitude	0 m–1,300 m (0 ft–4265.09 ft)
Gross Weight	0.70 kg (1.54 lb)
Accessory	Wall mount bracket (included)

ORDER INFORMATION

Part Number	IDT.F6K
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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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