FACIAL RECOGNITION DEVICE
IDT Face2K

Verification

Face	Password

Features

Mask Detection	Live Detection	Cloud	WDR

Touch Screen	Wi-Fi	TCP/IP	MultiFace

The IDT Face2K Facial Recognition Device is an AI-powered, standalone face biometric system for smart attendance and access control. With support for 5,000 users and 3,00,000 logs, plus live and mask detection, it ensures fast, secure, and touchless authentication for modern workplaces and enterprises.

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 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
Log Capacity	3,00,000

SYSTEM

Main Processor	Embedded Processor
Operating System	Linux
Network Protocol	IPv4;RTSP;RTP;TCP;UDP;SIP;P2P

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

COMMUNICATION

LAN / TCP/IP	Yes
WiFi	Yes
GPRS	Optional
USB	Yes
Web Configuration	Yes
Auto Registration	Yes
Real-time monitoring	Yes

PERFORMANCE

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

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) & desktop Bracket (included)
Installation	Wall Mount & Desk Mount
Time Zone	128 periods
Holiday	128 periods

ORDER INFORMATION

Part Number	IDT.F2K

APPLICATION AREA

Education	Retail	Government	Health	Bank	Logistics	Office	Factory

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