

DF-107

FACE RECOGNITION ACCESS CONTROL SYSTEM WITH TIME ATTENDANCE

Smarter technology for a
safer tomorrow.



**FREE
ONLINE
SOFTWARE**

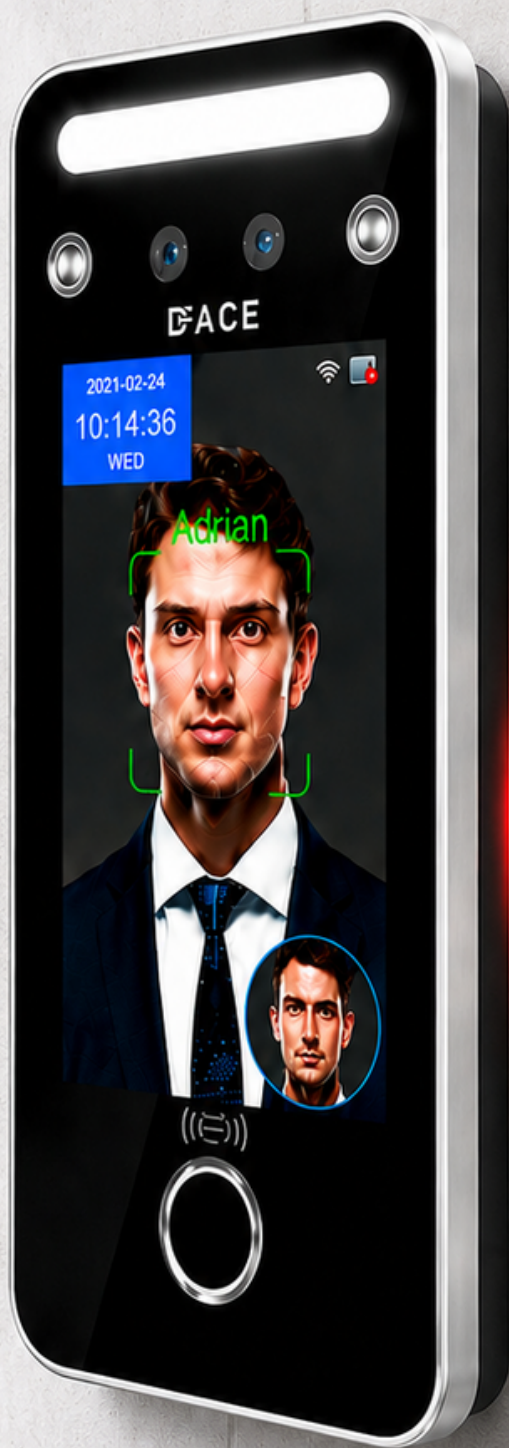
MANAGE REMOTELY,
ANYTIME, ANYWHERE



5" IPS
TOUCH DISPLAY
HD 720×1280
RESOLUTION



WALL MOUNT
INSTALLATION



FAST RECOGNITION
≤0.2s



5" IPS TOUCH SCREEN
HD 720×1280



TCP/IP & WIFI
CONNECTIVITY



ANTI-SPOOFING
DETECTION

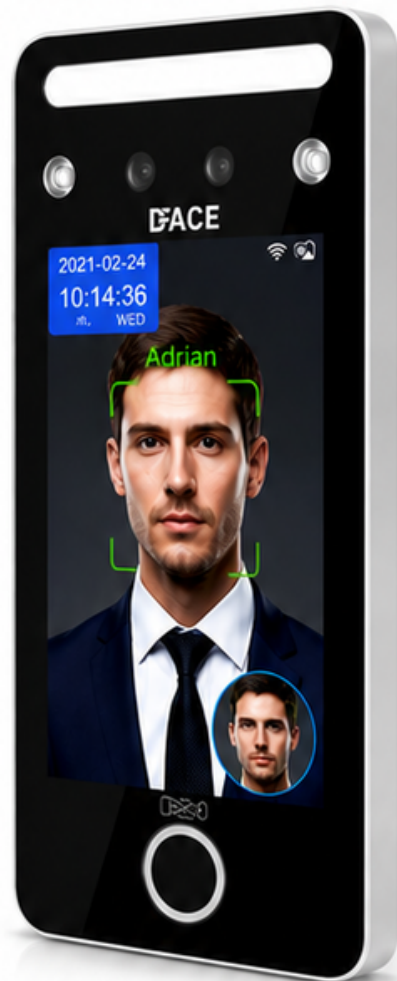


TOUCHLESS
ACCESS

MODEL : DF-107

Technical Specifications

	PARAMETER	SPECIFICATION
 HARDWARE	CPU	1.2G Dual-Core ARM Cortex-A7
	NPU	600G (0.6T)
	RAM	256M DDR3L
	ROM	4G EMMC
 DISPLAY	Screen	5.0 Inch IPS Touch Screen
	Resolution	HD 720×1280
 CAMERA	Color Camera	Real Sensor 1/2.9 inch FOV 75° 2MP pixel high-definition color camera WDR wide dynamic
	Infrared Camera	Sensor 1/5 inch FOV 75° 2MP pixel infrared live camera
 FILL LIGHT	Fill Light	LED Fill Light and Dual Infrared Fill Light (Automatic control according to ambient light)
 COMMUNICATION	Communication Port	TCP/IP, USB Type-A, WiFi, RS485
 PHYSICAL	Product Size	188mm × 80mm × 20mm
	Material	Aluminum Alloy Case
	Power Supply	DC 12V, 2A
	Working Temperature	0 ~ 45 °C
	Working Environment	Under normal light, strong light, dark environment, backlight



AI FACE RECOGNITION

Intelligent facial recognition
for fast and accurate authentication.



LIVE FACE DETECTION

Dynamic anti-spoofing technology
rejects photo & video spoofing.



MULTIPLE VERIFICATION

Support Face, Fingerprint,
ID Card (IC card optional)
and Password.



MULTIPLE CONNECTIVITY

TCP/IP, WiFi, USB Type-A,
RS485 for flexible integration.



AI FACE
RECOGNITION



FINGERPRINT
ACCESS



LIVE FACE
DETECTION



5" IPS TOUCH SCREEN
HD 720×1280



TCP/IP & WIFI
CONNECTIVITY



ACCESS
CONTROL

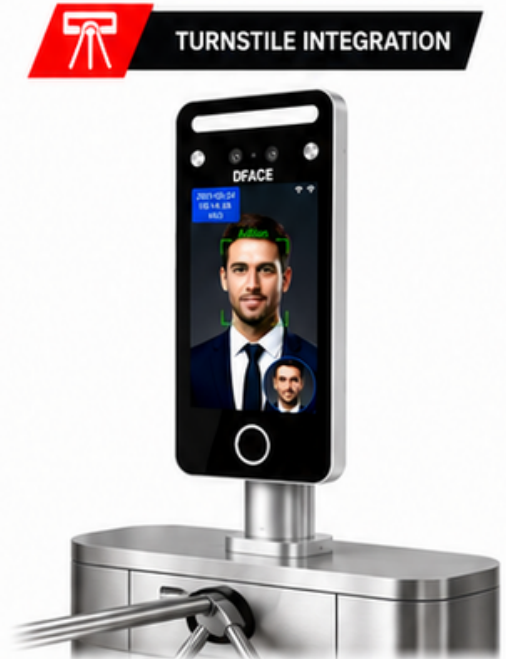
Installation Methods



Easy wall mount installation suitable for all access points.



Stable desktop stand for reception and counter use.



Optional turnstile bracket for secure access control.

Smart Visitor Management

DF-107 supports QR Code Scanner for fast and contactless visitor check-in with real face verification and spoof protection.

-  **QR CODE SCANNING**
Quick scan for visitor registration and entry.
-  **FACE RECOGNITION**
Real-time face recognition for secure authentication.
-  **LIVE FACE DETECTION**
Rejects photo, video and mask spoofing attempts.
-  **FINGERPRINT VERIFICATION**
Multiple verification for enhanced security.



-  **AI FACE RECOGNITION**
Intelligent algorithm for fast and accurate authentication.
-  **FINGERPRINT ACCESS**
High speed fingerprint recognition for secure access.
-  **QR CODE SCANNER**
Built-in QR code scanner for visitor management and attendance.
-  **LIVE FACE DETECTION**
Advanced anti-spoofing technology rejects fake attempts.
-  **MULTIPLE CONNECTIVITY**
TCP/IP, WiFi, USB Type-A, RS485 for flexible integration.

— AI POWERED ACCESS TERMINAL

DF-107

AI FACE RECOGNITION TERMINAL

SECURE. SMART. CONTACTLESS.

Advanced AI-powered face recognition terminal with fingerprint and multi-verification support for modern access control and time attendance solutions.



FAST RECOGNITION

≤0.2s Recognition



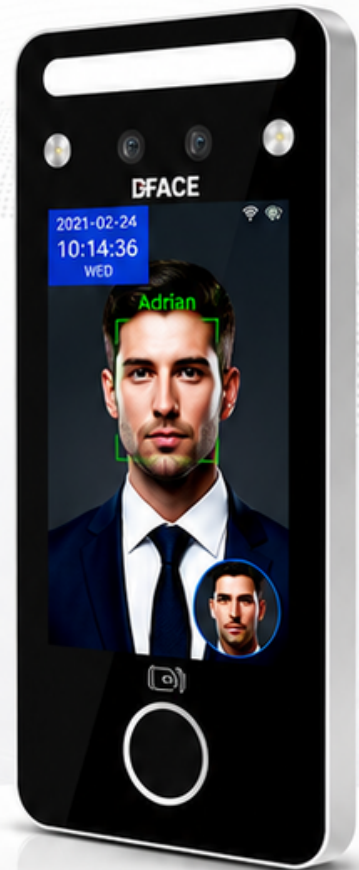
FACE CAPACITY

5,000 Faces
(20,000 Optional)



ANTI-SPOOF PROTECTION

Rejects Photo & Video



01



AI FACE RECOGNITION

Real-time facial authentication with high accuracy.

02



FINGERPRINT VERIFICATION

Multiple verification methods for enhanced security.

03



FACE CAPACITY

5,000 Faces
(20,000 Optional)

04



QR CODE SCANNER

Built-in QR code scanner for visitor check-in.

05



2MP HD COLOR CAMERA

WDR wide dynamic range for clear imaging.

06



5" IPS TOUCH SCREEN

HD 720×1280 resolution touch display.

07



TOUCH SCREEN

Responsive capacitive touch operation.

08



MULTI LANGUAGE

Supports English, Arabic, French, Spanish etc.

09



ACCESS CONTROL

Seamless integration with door lock and access systems.

10



INFRARED LIVE CAMERA

Anti-spoof technology rejects photo & video attempts.

11



HD DISPLAY

1280×720 HD resolution display.

12



RECOGNITION SPEED

Ultra-fast recognition in ≤0.2 second.



99.70%

FACE RECOGNITION ACCURACY

/// TECHNOLOGY OVERVIEW ///

LED Fill Light
For Dark Environment

2MP HD Color Camera,
For Color Display

Dual Infrared Light,
For Live Face Detection

5 Inch HD
Touch Screen

RFID Card Reader

Fingerprint Sensor

12V
GND
LOCK_COM
LOCK_NC
LOCK_NO
Button
Door Sensor
Bell+
Bell-

12V
GND
WG-IN0
WG-IN1
WG_OUT0
WG_OUT1
Alarm
Fire

12V
GND

TCP/IP

12V
RS485A
RS485B
GND

Speaker

USB Port

AI FACE RECOGNITION & FINGERPRINT AUTHENTICATION

Secure • Fast • Accurate • Touchless



FACE RECOGNITION
Real Face AI



FINGERPRINT
AUTHENTICATION



TCP/IP & WIFI
CONNECTIVITY



ANTI-SPOOFING
DETECTION



TOUCHLESS
ACCESS