

# AI Dynamic Face Recognition Attendance & Access Control

-  C#/Java  
SDK provided
-  Cloud  
Software



-  5000  
Face Capacity
-  5000  
Password Capacity
-  0.5-2.5 Meters  
Recognition Distance
-  Live Face Detection
-  4.0 inch Touch Screen
-  Access Control
-  RFID Support
-  Photo Capture
-  Mask Detection

# Multi-Mode Access Identification



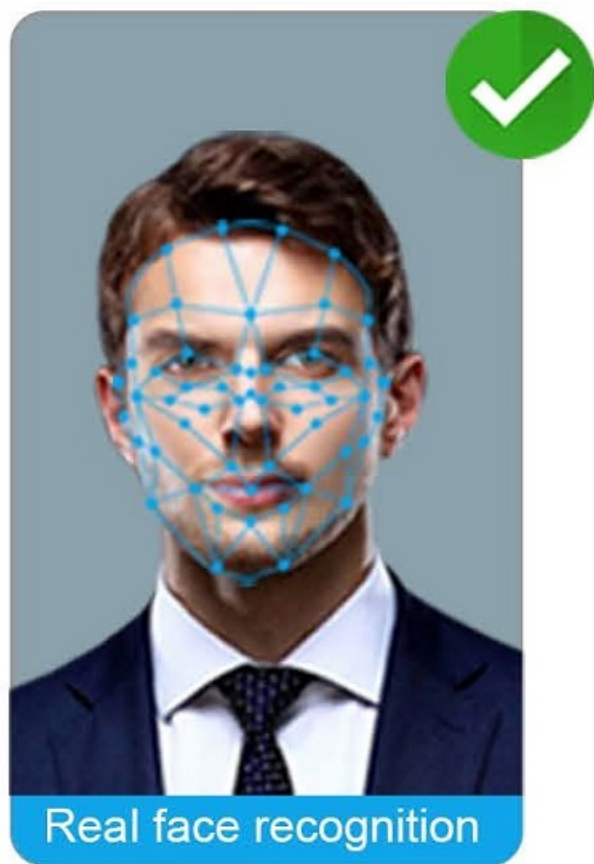
Face Recognition



RFID Card



Password



Real face recognition

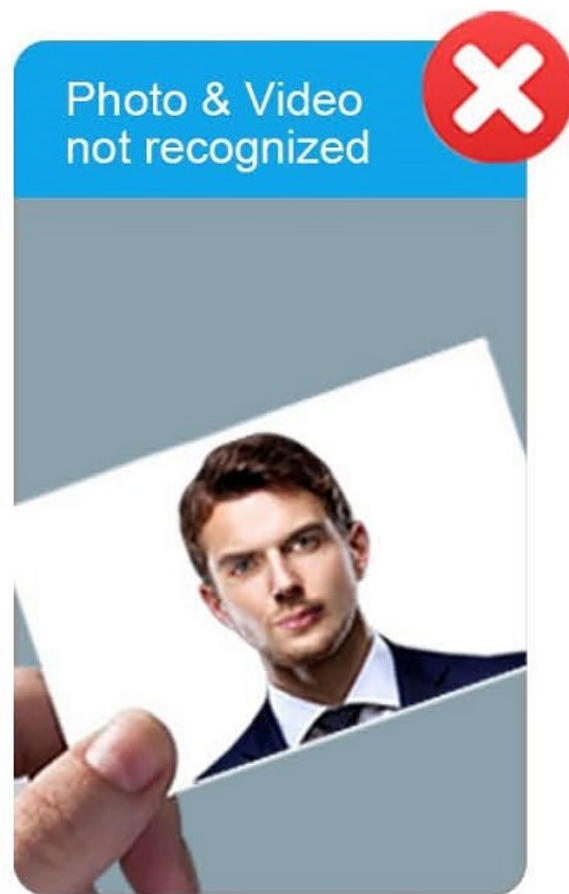
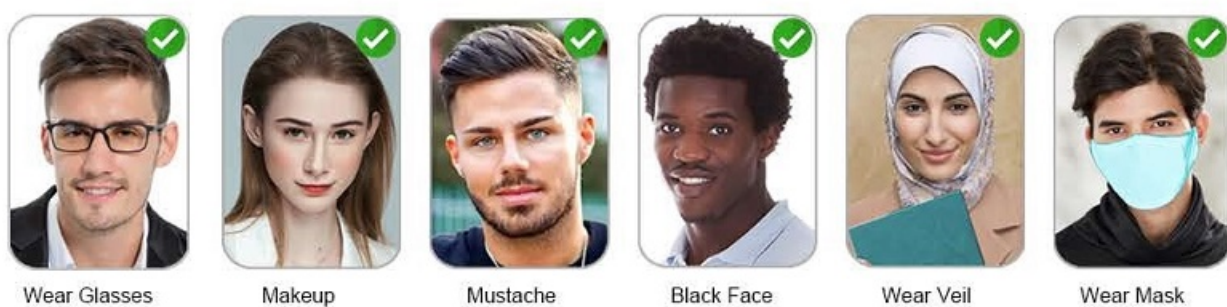
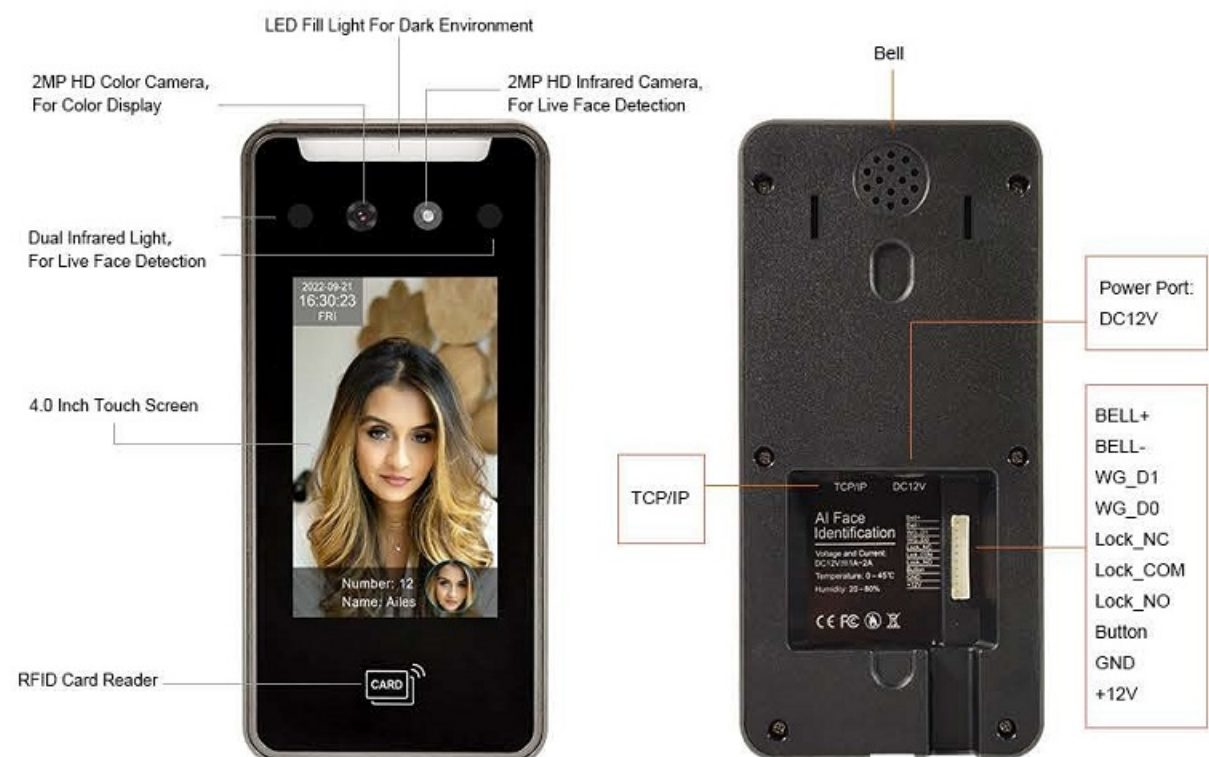


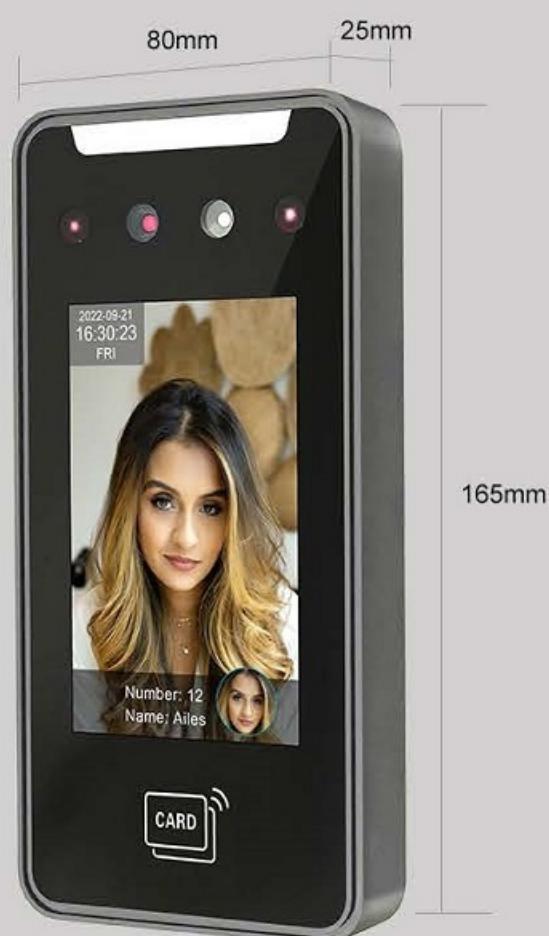
Photo & Video  
not recognized



Wear Glasses    Makeup    Mustache    Black Face    Wear Veil    Wear Mask



USB Port



- Single package size:  
**L258MM\*W147MM\*H65MM**
- Weight including package:  
**around 1kg**
- Carton box Dimension:  
**370x320x279MM, holding  
10pcs devices**



# SPECIFICATIONS

Model	AI Face D21		
Product name	Dynamic Face Recognition Time Attendance Access Control Terminal	Principle of Identification	Face algorithm technology of multi-task cascaded convolutional neural network based on video stream for dynamic face detection, tracking and recognition
Screen	4 Inch HD Touch Screen	WDR	Wide dynamic range, support accurate face recognition under Strong light, dark light and backlight
Operation system	LINUX 4.19	USB	USB2.0 x 1, Support U disk import/export data
CPU,NPU	ARM Cortex-A7 800M, 800G (0.8T)	Power supply	DC12V 2A
RAM	256MB DDR3	Network Communication	TCP/IP, USB type-A, WIFI (optional)
ROM	EMMC Flash 4GB	Free Attendance software	Local software and web based cloud software
Binocular camera	2PM Color Camera+2PM Infrared camera	Access Control Function	Lock output Doorbell output/external ring Wiegand input/output
Live detection	Dynamic dual-camera anti-counterfeiting,to prevent all kinds of black-and-white,color photos and videos from deception	Environmental adaptability	Working temperature: 0°C- +45°C, Working humidity: 20%~90%, Dark enviroment: LIEDSoft light automatic fill light (Automatic control according to ambient light)
Logs capacity	500,000	Multi language	Support 20 national languages and voices including English, Spanish, Arabic, Thai, Farsi, Portuguese, French, Italian, Japanese, Korean, etc
Verification	Face recognition, password, ID Card (IC Card optional)		
Face capacity	500 Faces		
Card Capacity	500, ID Card Standard, IC Card Optional		
Password Capacity	500,		
Face Recognition Accuracy	99.70%		
Recognition Speed	≤0.2s,		
Recognition Distance	0.5~2.5 meters (0.5~1.5 meters with live face recognition on)		
Prevent Photo	Dual camera anti-counterfeiting, prevent recognition with photo/video		