

Face Recognition Device

Model : AS-FRD-1

Verification



Face



Card



Password

Features



Mask
Detection



Live
Detection



Cloud



WDR



Touch
Screen



- ☞ 7-inch IPS display, resolution 1024×600
- ☞ Support face unlock, IC card unlock, and password unlock; unlock by period
- ☞ With a face detection box; the largest face among faces that appear at the same time is recognized first; the maximum face size can be configured on the web
- ☞ 2MP wide-angle WDR lens; with autonannual fill light
- ☞ Face-camera distance: 0.3 m-2.0 m; human height: 0.9 m-2.4 m* With a face recognition algorithm, the access controller can recognize more than 360 positions on a human face
- ☞ Face verification accuracy>99.5%; face comparison speed 0.35s per person; low false recognition rate
- ☞ Support profile recognition; the profile angle is 0°-90°
- ☞ Support liveness detection
- ☞ Support duress alarm, tamper alarm, intrusion alarm, door contact* timeout alarm, illegal card exceeding threshold alarm, and more
- ☞ Support general users, patrol users, VIP users, guest users, and the disabled users
- ☞ With 4 unlock status display modes

Verification Mode & Capacity	
User Capacity	50000
Face Capacity	50000
Card Capacity	50000
Password Capacity	50000

System	
Screen Type	Capacitive Touchscreen
Display Screen	7 inch IPS
Screen Resolution	600(H)x1024(V)
Main Processor	Embedded Processor
Network Protocol	IPv4; RTSP; RTP; TCP; UDP; P2P
SDK and AP	Support SDK

Communication	
Period List	128 periods
Holiday Period	128 periods
Web Configuration	Yes
Peripheral Card Reader	1 RS-485, 1 Wiegand
Real-Time Surveillance	Yes
Remote Verification	Yes
Multi-user Authentication	Yes

Authentication	
Face Recognition Height Range	Face-camera distance: 0.3 m-2.0 m; Human height: 0.9m-24 m
Card Reading Distance	1cm-5cm
Face Recognition Accuracy	>99.5%
Face Recognition Time	0.35S

Port	
RS-485	1
RS-232	1
Wiegand	1 input/output
USB	1 x USB 2.0 port
Ethernet	1 10M/100M Ethernet port
Alarm Input	2 (Switch quantity)
Alarm Output	2(Relay)
Alarm Linkage	Yes
Exit Button	1
Door Status Detection	1
Lock Control	1

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

Camera	
Camera	2-MP CMOS camera
WDR	120dB
Light Compensation	Auto white light Auto IR light
Voice Prompt	Yes
Housing Material	PC+ABS
Status Indicator	1 indicator light. Red: Error; Green: Normal; Blue:Working.

General	
Product Dimensions	283.0mmx130.0mmx36.9mm (11.14"*5.12"x 1.45")
Packaging Dimensions	Controller packaging : 80mm x 235mm x 124mm (14.96"x9.25"*4.88") Protective case : 494mm x 402mm x 275mm (19.45"15.83" 10.83")
Power Supply	Provided
Power Supply Mode	DC 12V 2A
Power Consumption	12W
Working Temperature	-10°C to +55°C (+14°F to + 131°F
Working Humidity	0%RH-90%RH (non-condensing)
Operating Environment	Indoor
Gross Weigh	1.8kg (3.97 lb
Installation Method	Wall mounted
Certifications	CE/FCC

DIMENSIONS

