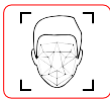




EW-ACX902

Verification



Face



Card



Password

Features



Mask Detection
Touch Screen



Live Detection
WDR



Multi Face
Wi-Fi



- 8 inch LCD display
- Support Face, Card & Password
- Support 50,000 Face, 50,000 Card, 50,000 Password & 5,00,000 records
- 2 MP dual camera with IR cut off
- Face-camera distance: 0.3 m–2.0 m, human height: 0.9 m–2.4 m
- With face recognition algorithm, the access controller can recognize more than 360 positions on human face
- Face verification accuracy>99.5%; face comparison speed 0.35s per person; low false recognition rate



- Support liveness detection
- Mask Detection
- Support general users, patrol users, VIP users, guest users, and the disabled users
- Vandal proof box (Optional)
- Supports optional thermal module for real-time body temperature detection during authentication
- Real time push technology

Technical Specification

Verification & Capacity	
Identification	Face, Card & Password
User Capacity	50,000
Face Capacity	50,000
Card Capacity	50,000
Password Capacity	50,000
Image Log	20,000
Log Capacity	10,00,000
System	
Operating System Communication	Linux TCP/IP, Wi-Fi, USB, Wiegand In/ Out, RS 485/232, GPRS/4G (Optional)
Main Processor	Embedded Processor
Internet Protocol	IPv4, RTSP, RTP, TCP, UDP, P2P
OSDP Protocol	Yes
SDK and API	Yes
Basic	
Memory	8 GB RAM & 16 GB Flash Drive
Display	8 inch LCD Display
Screen Type	Capacitive touch screen
Resolution	1920×1080
Camera	2 MP dual camera with IR cut off
WDR	120dB
Light Compensation	Auto IR



Voice Prompt	Yes
Housing Material	PC+ABS
Function	
Unlock Mode	Face, Card & Password
Period List	128
Holiday Period	128
First-Card Unlock	Yes
Peripheral Card Reader	1 RS-485, 1 Wiegand
Web Configuration	Yes

Performance	
Card reading distance	1cm–5cm
Face Recognition Range	Face-camera distance: 0.3m-2.0m; Human height: 0.9m-2.4m
Face Verification Accuracy	>99.5%
Face Recognition Time	0.35s
Face Recognition	1:1 & 1:N
False Acceptance Rate (FAR)	0.0001%
False Rejection Rate (FRR)	0.1%

Ports	
RS-485	1
RS-232	1
Wiegand	1 input/output
USB	1 USB2.0 port
Ethernet	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



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

General

Power Supply	12V/7AH
Battery Backup	Yes
Power Consumption	12W
Working Temperature	-10°C to +65°C
Working Humidity	0%RH–99%RH (non-condensing)
Production Dimensions	283.0mm × 130.0mm × 36.9mm
Installation Method	Wall mounted
Certificate	BIS

Dimension Drawing

