

# DHI-ASI7213Y-V3

## Face Recognition Access Controller



- 7 inch IPS display, resolution 1024×600
- Support face unlock, IC card unlock, and password unlock; unlock by period
- With 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 auto/manual fill light
- 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 profile recognition; the profile angle is 0°–90°
- Holds 50, 000 users, 50, 000 faces, 50, 000 cards, 50, 000 passwords, and 50 administrators
- 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

### Technical Specification

#### System

Main Processor	Embedded Processor
Internet Protocol	IPv4, RTSP, RTP, TCP, UDP, P2P
OSDP Protocol	Yes
Interoperability	CGI
SDK and API	Support SDK

#### Basic

Display	7 inch IPS
Screen Type	Capacitive touch screen
Resolution	600(H)×1024(V)
Camera	2 MP CMOS camera
WDR	120dB
Light Compensation	Auto white light Auto IR light
Status Indicator	1 indicator light. Red: Error; Green: Normal; Blue: Working.
Voice Prompt	Yes
Housing Material	PC+ABS

#### Function

Unlock Mode	Card/remote/password/face unlock and unlock through their combinations;
Card Reading Type	IC card
Period List	128
Holiday Period	128
First-Card Unlock	Yes
Remote Verification	Yes
Peripheral Card Reader	1 RS-485, 1 Wiegand
Multiple Card Authentication	Yes
Real-Time Surveillance	Yes
Web Configuration	Yes

#### Performance

Card reading distance	1cm–5cm
Face Recognition Range	Face-camera distance: 0.3 m–2.0 m; Human height: 0.9 m–2.4 m
Face Verification Accuracy	>99.5%
Face Recognition Time	0.35s

#### Capacity

User Capacity	50,000
Face Image Capacity	50,000
Card Capacity	50,000
Password Capacity	50,000

Record Capacity	100,000 records
-----------------	-----------------

#### Port

RS-485	1
RS-232	1
Wiegand	1 input/output
USB	1 USB2.0 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-Passback	Yes
Tamper Alarm	Yes
Duress	Yes
Door Sensor Timeout	Yes
Intrusion	Yes
Illegal Card Exceeding Threshold	Yes

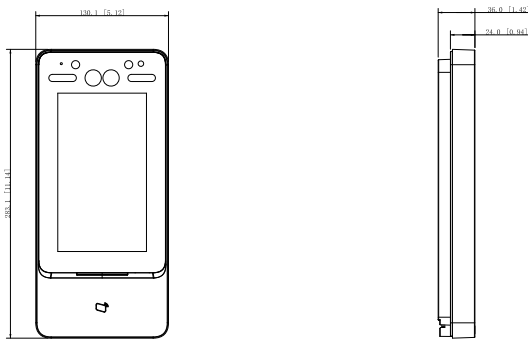
#### General

Power Supply	Provided
Power Supply Mode	DC 12V 2A
Power Consumption	12W
Production Dimensions	283.0mm×130.0mm×36.9mm (11.14"×5.12"×1.45")
Packaging Dimensions	Controller packaging: 380mm×235mm×124mm (14.96"×9.25"×4.88") Protective case: 494mm×402mm×275mm (19.45"×15.83"×10.83")
Working Temperature	-10°C to +55°C (+14°F to +131°F)
Working Humidity	0%RH–90%RH (non-condensing)
Working Environment	Indoor
Gross Weight	1.8kg (3.97 lb)
Installation Method	Wall mounted
Certifications	CE/FCC

**Ordering Information**

Type	Part Number	Description
Face Recognition Access Controller (IC card; indoor)	DHI-ASI7213Y-V3	7-inch Face Recognition Access Controller (IC card; indoor)
Face Recognition Access Controller (IC card; indoor)	ASI7213Y-V3	7-inch Face Recognition Access Controller (IC card; indoor)

**Dimensions (mm[inch])**



**Application**

