

# Video Access Controller



## System Overview

The DHI-ASI8213SA-W is an advanced Video Access Controller with a 2MP HD dual-camera system for superior video quality. This device, which runs on the powerful Android 11 platform, provides a variety of identification options, including cutting-edge facial detection and QR codes access. With its sleek 8-inch touch 2.5D screen designed for seamless interaction, you can navigate with ease. It is tough and ready for any environment, with an IP65 rating for dependable outdoor installation. The device also includes a discretely integrated IC card reader and a full-featured video intercom, combining all of your access control requirements into a single advanced unit.

## Technical Specification

### System

Main Processor	Embedded Processor
Network Protocol	RTSP, DNS, P2P, UPnP, RTIP, RTMP, SIP, SSH, HTTP/HTTPS, ONVIF
OSDP Protocol	Supported
Interoperability	ONVIF, CGI
Card Type	IC Card
Management System	Stand-alone, DSS Pro, DSS Agile VDP, DMSS

### Display

Display Size	8-in. LCD
Touch Technology	Capacitive
Display Resolution	800 (H) x 1,280 (V)

### Camera

Image Sensor	1/2.8-in. 2MP CMOS (Dual-lens Camera)
Backlight Compensation	Auto IR, True WDR (120 dB)

### Function

Unlock Mode	Card, Face, Remote, Password, QR Code, Combination
Voice Prompt	Supported
Remote Verification	Supported
Restricted/Trust List	Supported
WiFi	Supported
Advertisement Display	Supported
Real-time Monitoring	Supported
Capture Function	Supported

- Built-in Android 11 OS.
- 8-in. LCD with 800 × 1280 resolution
- 2MP dual-lens CMOS camera with True WDR (120 dB)
- Supports 100,000 users, 100,000 faces, 500,000 cards, 50 administrators, and 300,000 records
- Face, IC card, password, and QR code unlock methods
- Recognizes faces 0.3 m to 3.0 m away (0.98 ft to 9.84 ft)
- Face Detection+ accuracy rate of 99.9%
- Average 1:N comparison time of 0.2 s

Web Configuration	Supported
Auto Registration	Supported
Peripheral Card Reader	Supported

### Performance

Card Reading Distance	5 cm (1.97 in.) (IC card)
Face Detection+ Height Range	0.9 m to 2.4 m (2.95 ft to 7.87 ft)
Face Detection+ Distance	0.3 m to 3 m (0.98 ft to 9.84 ft)
Face Detection+ Accuracy	99.9%
Face Detection+ Time	0.2 s

### Capacity

User	100,000
Face Image	100,000
Card	500,000
Password	100,000
Record	300,000

### Interface

RS-485	One (1)
RS-232	One (1)
Wiegand	One (1), Input or Output (Configurable)
USB	One (1) USB 2.0 (Type-C)
Network Port	One (1) RJ-45 10/100/1000 Mbps Ethernet
Exit Button	One (1)
Door Status Detection	One (1)
Lock Control	One (1), open by default

### Alarm

Input	Two (2) Digital Quantity
Output	Two (2) Relay
Linkage	Supported
Event	Anti-pass Back, Tamper, Duress, Door Sensor Timeout, Intrusion, Illegal Card Exceeding Threshold

### Intercom

Call Room	Supported (Up to 500 SIP ID)
Call Management Center	DSS

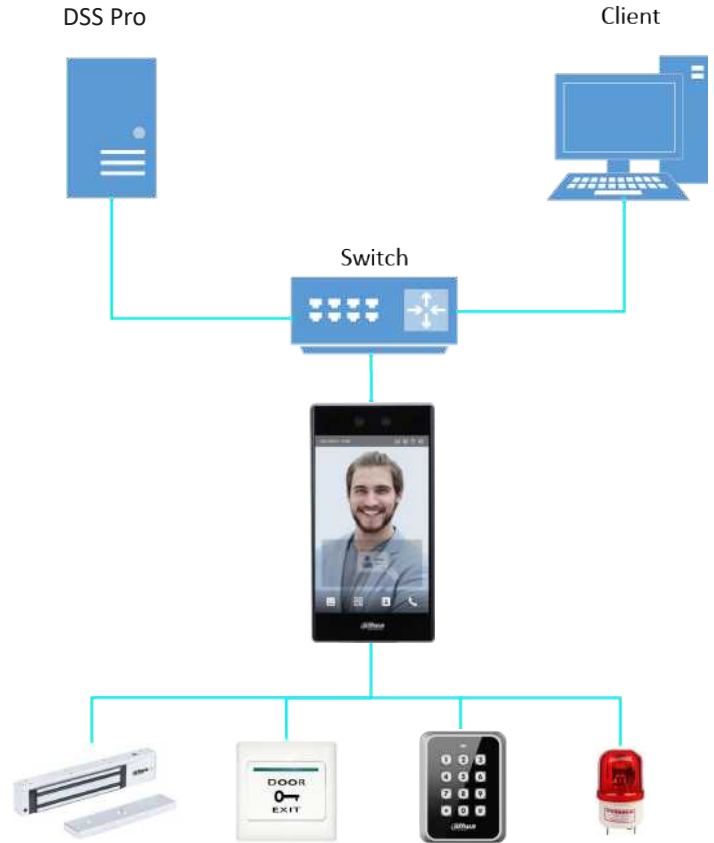
### Electrical

Power Adapter	Optional
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# Access Control | DHI-ASI8213SA-W

Power Supply	12 VDC, 2 A	
Power Consumption	≤ 8 W (Standby), ≤ 10 W (Working)	
Environmental		
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	
Operating Humidity	0%–90% (RH), non-condensing	
Operating Altitude	0 m to 1,300 m (0 ft to 4,265.09 ft)	
Operating Environment	Indoor, Outdoor	
Ingress Rating	IP65	
Certifications		
Standards	FCC 47CFR§2.1091 KDB-447498 D01 V06 CFR 47 Part 15 Subpart C CFR 47 Part 15 Subpart B	
Construction		
Casing Material	PC	
Product Dimensions	237.4 mm × 122.6 mm × 24.8 mm (9.35 in. × 4.83 in. × 0.98 in.)	
Packaging Dimensions (H × W × D)	Carton	299 mm × 164 mm × 72 mm (11.77 in. × 6.46 in. × 2.83 in.)
	Protection Box	390 mm × 320 mm × 360 mm (15.35 in. × 12.60 in. × 14.17 in.)
Gross Weight	1.02 kg (2.25 lb)	
Installation	Wall Mount (Included), Floor Mount, Turnstile Mount, 86 Case Mount	

## Installation



## Dimensions

mm [in.]

