

DHI-ASC2204C-D

Access Controller



System Overview

The DHI-ASC2204C-D is an multi-functional access controller with a TCP/IP wired network interface. It can offer professional functions related to access control management. It is applicable to industrial parks, office buildings, financial buildings, schools, factories, CBD, residential areas, governments, and more.

Technical Specification

System

Main Processor	Embedded processor	
Internet Protocol	IPv4; TCP; UDP	
OSDP Protocol	Yes	
SDK	Yes	

Basic

Network Update

First-Card Unlock

Remote Verification

Blocklist/Allowlist

Product Appearance	Type C Iron Container	
Buzzer	Yes	
Casing Material	SECC steel board	
Function		
Unlock Mode	Card swiping; Remote; Password; Fingerprint	
Period List	128	
Holiday Period	128	

Yes

Yes

Yes

Yes

- TCP/IP communication.
- · Two communication protocols: RS-485 and Wiegand.
- Supports storing 100,000 user and 500,000 card-swiping records.
- Supports multi-door interlock, multi-user unlock, anti-passback, and remote unlock.
- Supports reader tamper alarm, intrusion alarm, unlocking timeout alarm, duress alarm, invalid card exceeding threshold alarm, and incorrect password alarm.
- · Supports built-in RTC, manual time fixing, and automatic time fixing.
- Data can be saved permanently in case of power failure; supports online upgrade.
- · Power supply through storage battery.

Wiegand

Network

Alarm Input

• Supports watchdog mechanism to ensure the operation stability.



Peripheral Card Reader	8-Channel RS-485 card reader 8-Channel Wiegand card reader	
Multi-door Interlock	Yes	
Group Combination	Card swiping; password; fingerprint	
Real-Time Surveillance	Yes	
Multiple Authentication	Yes	
User		
User (Card) Type	General user; VIP user; patrol user; guest user; blocklist user; other user	
Capacity		
User	100,000	
Fingerprint	3,000	
Card	100,000	
Record Capacity	500,000	
Port		
RS-485 Port	9 × RS-485 ports	

8 × Wiegand ports

8 (digital quantity)

1 × 10/100 Mbps Ethernet port

ASC2 Series | DHI-ASC2204C-D

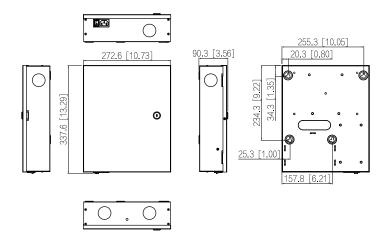
Alarm Output	8 (relay)	
Alarm Linkage	Yes	
Exit Button	4	
Door Status Detection	4	
Lock Control	4 channels, NO by default	
Alarm		
Anti-Passback	Yes	
Tamper	Yes	
Duress	Yes	
Door Unlock Timeout	Yes	
Intrusion	Yes	
Illegal Card Exceeding Threshold	Yes	
Duress Fingerprint	Yes	

General

Power Supply	100-240 V AC	
IP Rating	IP20; Ik04	
Power Consumption	≤ 0.8 W (standby), ≤ 39.6 W (working)	
Product Dimensions	337 mm × 272 mm × 90 mm (13.27"× 10.71"× 3.54") (H × W × D)	
Packaging Dimensions	472 mm \times 352 mm \times 163 mm (18.58" \times 13.86" \times 6.42") (H \times W \times D) (one product in an inner carton)	
Operating Temperature	-30°C to +60°C (-22 °F to +140 °F)	
Operating Humidity	5%–95% RH (non-condensing)	
Operating Environment	Indoor	
Gross Weight	3.5 kg (7.72 lb)	
Installation	Surface mount	
Certification	CE; FCC; UL	

Ordering Information			
Туре	Model	Description	
Access Controller	DH-ASC2204C-D	Four-door two-way controller model C (iron box, indoor)	

Dimensions (mm[inch])



Application

