

DHI-ASI1212F/DHI-ASI1212F-D

Access Standalone



- PC+ABS housing material, and glass material for front panel , applicable for indoor scenario
- \cdot 2.8 inch LCD touch screen display with resolution of 240×320
- \cdot Deep learning algorithm makes fingerprint recognition time 1.5 s
- Support card, fingerprint, password
- Support 30,000 users, 30,000 cards, 3,000 fingerprints, 150,000 records
- Support OSDP, TCP/IP



Technical Specification				
Models	ASI1212F	ASI1212F-D		
System				
Main Processor	Embedded processor			
Network Protocol	IPv4, TCP, P2P			
Button Type	Touch button			
OSDP Protocol	Yes (only supported as a host)			
Basic				
Display	2.8 inch TFT touch screen			
Screen Type	Capacitive screen			
Resolution	240 (H) × 320 (V)			
Voice Prompt	Yes			
Buzzer	Yes			
Housing Material	PC+ABS			
Function				
Unlock Mode	Card/remote/password/fingerprint			
Card Type	IC card	ID card		
Card Reading Frequency	13.56MHz	125KHz		
Period List	128			
Holiday Period	128			
Network Update	Yes			

First Card Unlock	Yes
First Card Unlock	Tes .
Remote Verification	Yes
Blocklist/Allowlist	Yes
Ads Broadcast	Support graphic advertisement play
Peripheral Card Reader	1 RS-485, 1 Wiegand
Group Combination	Card/remote/password/fingerprint
Web Configuration on PC	Yes
Web Configuration on Mobile	Yes
Wi-Fi	Yes
Performance	
Card Reading Distance	1 cm-3 cm (0.03 ft-0.10 ft)
Card Reading Distance Fingerprint Sensor Type	1 cm–3 cm (0.03 ft–0.10 ft) Optical fingerprint
-	
Fingerprint Sensor Type	Optical fingerprint
Fingerprint Sensor Type Fingerprint Verification Mode	Optical fingerprint 1:N, 1:1
Fingerprint Sensor Type Fingerprint Verification Mode Fingerprint Comparison Time	Optical fingerprint 1:N, 1:1
Fingerprint Sensor Type Fingerprint Verification Mode Fingerprint Comparison Time Capacity	Optical fingerprint 1:N, 1:1 1.5 s
Fingerprint Sensor Type Fingerprint Verification Mode Fingerprint Comparison Time Capacity User	Optical fingerprint 1:N, 1:1 1.5 s 30,000
Fingerprint Sensor Type Fingerprint Verification Mode Fingerprint Comparison Time Capacity User Fingerprint	Optical fingerprint 1:N, 1:1 1.5 s 30,000 3,000
Fingerprint Sensor Type Fingerprint Verification Mode Fingerprint Comparison Time Capacity User Fingerprint Card	Optical fingerprint 1:N, 1:1 1.5 s 30,000 3,000 30,000

ASI1 Series | DHI-ASI1212F/DHI-ASI1212F-D

RS-4851Wegand(input or output)USBUSB2.0 portNetworkNo 10100 Mbps self-adaptive network portAtarn Ontput1Alarn Output1Alarn OutputVesUnlock Button1Dor Status Detection1Ati-passbackVesAtinappiVesAtanopationNesAti-passbackVesDor Sensor TimeoutVesInduck ExtrementVesIntrusionVesNersenselVesPower SuppyVesPower SuppyScalandamandamandamandamandamandamandamand	Port	
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Alarm LinkageYesIunlock Button1Door Status Detection1Lock Control1Lock Control1AlarmYesAnti-passbackYesDrore Sansor TimeoutYesDoor Sensor TimeoutYesIntrusionYesIntrusionYesDorer Sensor TimeoutYesPower SupplyYesPower ConsumptionYesPower ConsumptionScale Scale Scal	Alarm Input	1
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Non Status Detection1Lock Control1Lock Control1AlarmKalanAnti-passbackYesTamperYesDuressYesDoor Sensor TimeoutYesIntrusionYesIntrusionYesDuress FingerprintYesPower SupplyDC12V 1APower Consumption14.5 mm x 114.5 mm x 32.5 mm x14.51"x 1.28")Power Supply14.5 mm x 114.5 mm x 32.5 mm x3.03"x 15.35" x 14.17")Operating Temperature-Operating Temperature10°C to +45°C (14°F to 113°F) >x3.03"x 15.35" x 14.17")Operating HumidityIso (0.91 lb)InstallationSurface mount, flush mount, 86 case mount	Alarm Linkage	Yes
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Dimensions (H×W×D)(4.51"× 4.51"× 1.28")Packing Dimensions (H×W×D)Packing box: 187 mm ×164 mm ×72 mm (7.36"× 6.46"× 2.83") Protective box: 585 mm×390 mm×360 mm (23.03"× 15.35"× 14.17")Operating Temperature-10°C to +45°C (14°F to 113°F)Operating Humidity5%RH-90%RH (no condensation)Operating EnvironmentIndoorGross Weight415.0 g (0.91 lb)InstallationSurface mount, flush mount, 86 case mount	Power Consumption	\leq 4.0W (standby), \leq 6.0W (working)
Packing Dimensions (H×W×D) $(7.36^{\circ} \times 6.46^{\circ} \times 2.83^{\circ})$ Protective box: 585 mm×390 mm×360 mm $(2.30^{\circ} \times 15.35^{\circ} \times 14.17^{\circ})$ Operating Temperature -10° C to $+45^{\circ}$ C (14°F to 113°F)Operating Humidity 5% RH-90%RH (no condensation)Operating EnvironmentIndoorGross Weight 415.0 g (0.91 lb)InstallationSurface mount, flush mount, 86 case mount	Dimensions (H×W×D)	
Operating Humidity5%RH-90%RH (no condensation)Operating EnvironmentIndoorGross Weight415.0 g (0.91 lb)InstallationSurface mount, flush mount, 86 case mount	Packing Dimensions (H×W×D)	(7.36"× 6.46"× 2.83") Protective box: 585 mm×390 mm×360 mm
Operating Environment Indoor Gross Weight 415.0 g (0.91 lb) Installation Surface mount, flush mount, 86 case mount	Operating Temperature	-10°C to +45°C (14°F to 113°F)
Gross Weight 415.0 g (0.91 lb) Installation Surface mount, flush mount, 86 case mount	Operating Humidity	5%RH-90%RH (no condensation)
Installation Surface mount, flush mount, 86 case mount	Operating Environment	Indoor
	Gross Weight	415.0 g (0.91 lb)
Certifications CE, FCC	Installation	Surface mount, flush mount, 86 case mount
	Certifications	CE, FCC

Ordering Information

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Туре	Model	Description		
Access Standalone	DHI-ASI1212F	Access standalone(IC card)		
Access Standalone	DHI-ASI1212F-D	Access standalone(ID card)		

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Dimensions (mm[inch])





Application

