

DHI-ASI4214Y

Face Recognition Access Controller



- · 7 inch IPS display, resolution 1024×600
- Support face unlock, fingerprint 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
- Support profile recognition; the profile angle is 0°-90°
- 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
- Holds 2, 000 users, 2, 000 faces, 2, 000 fingerprints, 2, 000 cards, 2, 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



System Fingerprint Capacity 7,000 Main Processor Embedded Processor Card Capacity 2,000 Internet Protocoal Vel Record Capacity 2,000 SDSP Protocol Vel Record Capacity 2,000 SDK and API June Support SDK POrt Basic POrt Post Basic Post Post Broad API June July March Post Basic Post Post Broad API Space Support SDK RS - 282 1 Broad API Proportion Forman USB 1 Links Disort Broad Control Stock Support SDK Proportion Forman Proportion Forman Broad List Address Proportion Forman Address Proportion Forman Carrier Componentation Address office Red Error Green Normal, Buse Working Address in Industry Address Industry Address Industry Function Yes Processor Processor Processor Processor Function Propertion Carrier Control Front Control	Technical Specification		Face Image Capacity	2, 000
Internet Protocol IPPL, RESP, RET, TCPL, USF, P2P OSDP Protocol Yes Intercopability ONME, COI SDX and API Suspent SDC Display Zinch lins Capacity Zinch lins Serven Type Capacity Zinch lins Zinch Serven Type Capacity Zinch lins Zinch Serven Type Zinch lins Zinch Serven Type Zinch lins Zinch Serven Type Zinch Serven Type Zinch Link Zinch Serven Type Zinch Link Zinch Serven Type Zi	System		Fingerprint Capacity	2, 000
Description New Year New Ye	Main Processor	Embedded Processor	Card Capacity	2, 000
Port	Internet Protocol	IPv4, RTSP, RTP, TCP, UDP, P2P	Password Capacity	2, 000
SSC and API	OSDP Protocol	Yes	Record Capacity	100, 000 records
Basic	Interoperability	ONVIF; CGI	Port	
Display Zinch III'S Wiegand Lingut/output	SDK and API	Support SDK	RS-485	1
Sincentrype	Basic		RS-232	1
Resolution 600(H)=1024(V) Ethernet 1 100(JODM Ethernet Port Camera 2 MP CMOS dual lens camera Alarm Input 2 (Switch quantity) WDR 120dB Alarm Input 2 (Relay) Light Compensation Alart while light Alarm Output 2 (Relay) Light Compensation Alart while light Alarm Linkage Yes Status Indicator Works Indicator Works Indicator light. Red: Error; Green Normal, Blue: Works Indicator W	Display	7 inch IPS	Wiegand	1 input/output
Alarm Input 2 (Switch quantity) WBR 120eB 120eB Alarm Output 2 (Relay) Light Compensation Auto white light Alarm Output 2 (Relay) Light Compensation Auto white light Alarm Output 2 (Relay) Alarm Univage Yes Yes Alarm Chindrate Interest Firety Green Normal; Blue: Working Yes University Alarm Chindrate Interest Alarm Alarm Possaback Yes Card Reading Type Interest Alarm Yes Card Reading Type Interest Interest Alarm Yes Card Reading Type Interest Inte	Screen Type	Capacitive Screen	USB	1 USB2.0 port
More 1208 Alarm Output 2 (Relay)	Resolution	600(H)×1024(V)	Ethernet	1 10M/100M Ethernet Port
Light Compensation Auto whee light Auto IR light Morking. Exit Button 1	Camera	2 MP CMOS dual lens camera	Alarm Input	2 (Switch quantity)
Status indicator 1 indicator light. Red: Error; Green. Rormal; Rilue: Working. 2	WDR	120dB	Alarm Output	2 (Relay)
Status indicator Indicator light. Red: Error; Green: Normal; Blue: Working: Voice Prompt Yes	Light Compensation		Alarm Linkage	Yes
Worker Prompt Ves Housing Material PC+ABS Function Unlock Mode Fingerprint/card/password/face/remote unlock and unlock through their combinations Card Reading Type Ucard Unlock Mode Period List 128 Duress Period List 128 Door Sensor Timeout Ves Door Sensor Timeout Ves Intrusion Ves Poor Sensor Timeout Ves Intrusion Ves Peripheral Card Reader Ves Peripheral Card Reader 1 R5 485, 1 Wiegand Multiple Authentication Ves Real-Time Surveillance Ves Web Configuration Ves Performance Card Reading Distance Icm-Scm Face Recognition Range Face Recognition Range Face Recognition Range Face Recognition Speed O 35s Working Temperature Ves House Vising Dimensions Fingerprint Sensor Type Capacity Capacity Cartification Ves Lock Control 1 Lock Con	Status Indicator	1 indicator light. Red: Error; Green: Normal; Blue:	Exit Button	1
Housing Material PC+ABS Lock Control 1			Door Status Detection	1
Alarm Anti-Passback Yes Anti-Passback Yes Anti-Passback Yes Anti-Passback Yes Duress Period List 128 Door Sensor Timeout Yes Holiday Period 128 Intrusion Yes First-Card Unlock Yes Remote Verification Yes Peripheral Card Reader 1R5 485, 1 Wiegand Multiple Authentication Yes Web Configuration Yes Web Configuration Yes Performance Card Reading Distance 1cm-Scm Face Recognition Range Face earner adistance: 0.3 m-2.0 m; Human height: 0.9 m-2.4 m Face Recognition Speed 0.35s Working Temperature 1.8kg (3.97 lb) Fingerprint Sensor Type Capacity Fingerprint Verification (1.18kg (3.97 lb) Fingerprint Verification (1.18kg (3.97 lb) Installation Method Card Installation Method Capacity Anti-Passback Yes Anti-Passback Yes Anti-Passback Yes Ves Duress Yes Poor Sensor Timeout Yes Illegal Card Exceeding Threshold Yes Duress Fingerprint Yes Peripheral Card Reading Distance 1.8kg (1.18kg (3.97 lb) Provided Peripheral Card Reading Distance 1.0m-Scm Face Recognition Speed 0.35s Working Temperature 1.0m-Scm (1.14f (1.16 to +131	·		Lock Control	1
Unlock Mode Fingerprint/card/password/face/remote unlock and unlock through their combinations Card Reading Type IC card Period List 128 Door Sensor Timeout Yes Door Sensor Timeout Yes Intrusion Yes Intrusion Yes Illegal Card Exceeding Threshold Threshold Threshold Threshold Peripheral Card Reader I RS-485, I Wiegand Multiple Authentication Yes Web Configuration Yes Performance Card Reading Distance Icm-5cm Face Recognition Range Human height: 0.9 m-2.4 m Face Verification Accuracy Pace Recognition Speed 0.35s Working Temperature Line Fingerprint Comparison Time \$\text{4.5}\text{5.5}\t		PCTABS	Alarm	
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Period List Holiday Period 128 Door Sensor Timeout Yes Intrusion Yes Intrusion Yes Illegal Card Exceeding Threshold Presipheral Card Reader 1 RS-485, 1 Wiegand Multiple Authentication Real-Time Surveillance Web Configuration Performance Card Reading Distance 1 cm-5cm Face Recognition Range Face-camera distance: 0.3 m-2.0 m; Human height: 0.9 m-2.4 m Face Recognition Speed 0.355 Working Temperature Working Temperature Vers Door Sensor Timeout Yes Intrusion Yes Illegal Card Exceeding Threshold Pres Prowided Prower 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") Controller packaging: 380mm×235mm×124mm (14.46"×9.25"×4.88") (14.46"×9.25"×4.88") Provided Prover Consumption Production Dimensions Packaging Dimensions Provided Controller packaging: 380mm×235mm×124mm (14.46"×9.25"×4.88") (14.46"×9.25"×4.88") Working Temperature -10"C to +55"C (+14"F to +131"F) Face Recognition Speed 0.355 Working Humidity O%RH-90%RH (non-condensing) Fingerprint Sensor Type Capacitive Working Environment Indoor Fingerprint Comparison Time ≤1.5s Installation Method Wall mounted Certifications CE/FCC			Tamper Alarm	Yes
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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% Working Temperature -10°C to +55°C (+14°F to +131°F) Face Recognition Speed 0.35s Working Humidity Working Environment Indoor Fingerprint Verification Method: Fingerprint Comparison Time <1.5s Packaging Dimensions (14.96"×9.25"×4.88") Protective case: 494mm×402mm×275mm (19.45"×15.83"×10.83") Protective case: 494mm×4075mm (19.45"×15.83"×10.83") Working Temperature -10°C to +55°C (+14°F to +131°F) Working Humidity O%RH–90%RH (non-condensing) Fingerprint Verification Method: Installation Method Wall mounted Certifications CE/FCC			Production Dimensions	283.0mm×130.0mm×36.9mm (11.14"×5.12"×1.45")
Face Verification Accuracy >99.5% Working Temperature -10°C to +55°C (+14°F to +131°F) Working Humidity 0%RH–90%RH (non-condensing) Fingerprint Sensor Type Capacitive Working Environment Indoor Fingerprint Verification Method: Fingerprint Comparison Time ≤1.5s Capacity Working Temperature -10°C to +55°C (+14°F to +131°F) Working Humidity 0%RH–90%RH (non-condensing) Finderprint Sensor Type Capacitive Fingerprint Comparison Time ≤1.5s Certifications CE/FCC	_	Face-camera distance: 0.3 m–2.0 m;	Packaging Dimensions	(14.96"×9.25"×4.88") Protective case: 494mm×402mm×275mm
Face Recognition Speed 0.35s Working Humidity 0%RH–90%RH (non-condensing) Fingerprint Sensor Type Capacitive Working Environment Indoor Fingerprint Verification Method: Fingerprint Comparison Time ≤1.5s Capacity Working Humidity 0%RH–90%RH (non-condensing) Working Environment Indoor 1:N Gross Weight 1.8kg (3.97 lb) Installation Method Wall mounted Certifications CE/FCC	Face Verification Accuracy		Working Temperature	
Fingerprint Sensor Type Capacitive Working Environment Indoor Fingerprint Verification Method: Fingerprint Comparison Time ≤1.5s Capacity Working Environment Indoor Installation Method Wall mounted Certifications CE/FCC	Face Recognition Speed	0.35s		
Method: 1:N Fingerprint Comparison Time ≤1.5s Installation Method Wall mounted Capacity Certifications	Fingerprint Sensor Type	Capacitive		
Fingerprint Comparison Time ≤1.5s Installation Method Wall mounted Capacity Certifications CE/FCC	= -	1:N	Gross Weight	1.8kg (3.97 lb)
Capacity Certifications CE/FCC		≤1.5s	Installation Method	Wall mounted
			Certifications	CE/FCC
	User Capacity	2, 000		

Ordering Information					
Туре	Part Number	Description			
Face Recognition Access Controller (IC card; fingerprint; indoor)	DHI-ASI4214Y	7-inch Face Recognition Access Controller (IC, indoor)			

Dimensions (mm[inch])





Application



