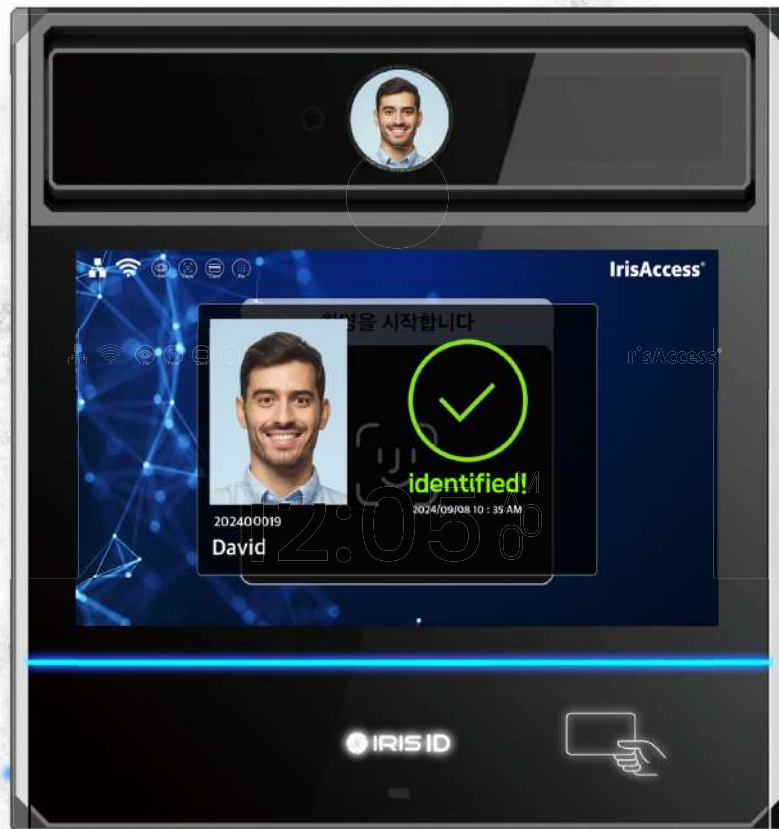


Iris & Face Reader iA1000



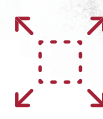
Iris / Face Fusion
Identification



Presentation
Attack Detection
(PAD)



Intuitive
User Interface



Enhanced
Capture Range



Advanced
Security

The IrisAccess® iA1000 series is Iris ID's latest non-contact access control device that captures and authenticates the iris and face simultaneously. The latest generation optical system provides a fast and simple user interface on a circular LCD, resulting in accurate biometric image acquisition and faster authentication. It also provides industry leading security including Presentation Attack Defense (PAD)

The IrisAccess® iA1000 series has 2 models for every level of security. From entry level to high-security placements, each model is a dual iris and face recognition camera that has a circular user guidance LCD. Additional features model dependent include PoE, WiFi, prox card, MiFARE DESFire, HID iClass and HID SEOS.

Features



IRIS / FACE Fusion

Operates in Iris only, Face only, Iris and/or Face, Iris/Face fusion mode.



Presentation Attack Detection (PAD)

A proven set of anti-spoof measures that continue to set the standard for the industry is included



Intuitive User Feedback LCD

A new circular LCD built into the optical System provides user guidance for fast authentication.



Accommodates All User Heights

Optical system automatically adjusts for user heights. ADA 508 compliant



Enhanced Capture Range

Wide recognition range of Iris 30~60cm (12~24") & Face 30~80cm (12~32").



Simultaneous Biometric Capture

Automatically captures dual iris and face at the same distance.



Non-Contact & Easy Authentication

Automatically captures faces and iris up to 24 inches or 60 cm.



Eye Safety Certified

Tested and meets UL, ANSI, ISO/IEEE and international eye safety standards.



Advanced Security

Information is encrypted, Secure Boot platform and Advanced Network security

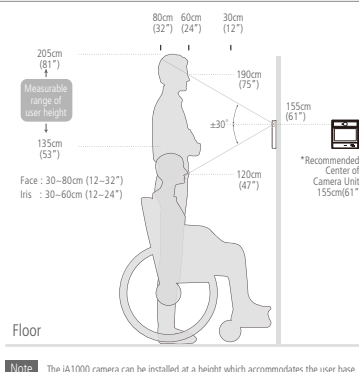
Specifications

Dimensions (W x H x D)	18.8cm x 19.9cm x 3.4cm (7.4" x 7.8" x 1.3")	Operating Range	Iris Camera: 30 ~ 60cm (12~24") / Face Camera: 30~80cm max (12~32")
Weight	1.8lbs (810g)	Languages	Support multiple languages/characters simultaneously
Type	Walk-up	Algorithm	IrisCapture DualEyeInfo™ / (PAD) / Face Matching
Power Input	Selective POE or 12 - 24 VDC auto - +/- 500 mv ripple voltage industry standard / Max : TBD	Real Time Clock	Rechargeable battery
Display	Main Display : 7" LCD / OU Display : 1.54" Selfie LCD Screen	Connectivity	Ethernet or Wi-Fi / Bluetooth (BLE) (optional) / Relay
User Interface	Self-guidance with visual displayed	Proximity detection	ToF Sensor
OS	Linux	Card Reader	Supported 125kHz proximity - 13.56MHz HID iClass, HID SEOS Card / Mifare/Desfire Card Reader
Operation	All combinations of Iris, Face, Pin, Card (And/Or Fusion)	Relay	2-Dry contact for Door
User Capacity	Up to 100,000 users	Wiegand	Wiegand In/Out (flexible up to 200 bits and pass through to the access panels)
Transactions	Transaction logs on device DB: 1M (Iris) / 100,000 (optional face audit image)	POE	IEEE802.3at compliant, 12V 30W (Mandatory)
Encryption	AES256	Serial	RS232 / RS485(ODSP) / RS422
Security	Secure Booting, S/W authentication	Indicator	Multi Color LED for power and user guiding
Matching Speed	Less than 1 sec	Certifications	FCC, CE, KC, UKCA, UL294, IATA, KISA, Eye safety
Tilt	Auto capture, Range: -30° ~ +30°	Temperature	Operating: 0 ~ 45°C (32~113°F)/Storage: -20~90°C (-4~194°F)
Iris Camera	2 x SMP B/W CMOS image sensor		
Face Camera	13MP Color CMOS image Sensor		

Model

Model	LCD	PoE	Wi-Fi	Prox 125kHz	Mifare/ DESfire 13.56MHz	HID (SEOS/iCLASS) 13.56MHz	OSDP	OS
iA1000-WPN	✓	✓	✓	---	---	---	✓	Linux
iA1000-WPH	✓	✓	✓	✓	✓	✓	✓	Linux

Capture Volume



Note: The iA1000 camera can be installed at a height which accommodates the user base.

IrisAccess® Management Suite (iA-MS™)

IrisAccess Management System iA-MS is a web-based platform built on a native cloud architecture eliminating the need for a client/server based application. Devices connect directly to the iA-MS using standard REST APIs architecture. iA-MS enhances security by leveraging Iris ID's IrisAccess iA1000 series devices and web portal for easy management and technical support. It is ideal for enterprise level application to provide device and user management from single or multiple locations to meet all your access control needs.

Use Cases



Access Control



Laboratory



Healthcare



Manufacturing



Construction



Large Scale ID



Public Security



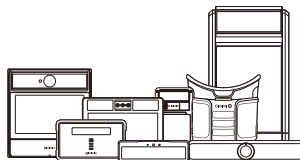
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IRIS ID AUTHORIZED RESELLER