

iA1000 Series

Face & Iris Recognition Reader



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, dual biometric authentication solution. The reader is designed to capture and authenticate iris and face simultaneously. This next-generation optical system offers a fast, intuitive user interface on a circular LCD that delivers faster and more accurate biometric images. The solution also provides industry-leading security, including certified Presentation Attack Detection (PAD).

The iA1000 series is available in two configurations, each featuring dual iris and face cameras including a new circular user-guidance display. Both models come equipped with a 7" touchscreen LCD with pinpad options, Wi-Fi, and PoE connectivity while supporting OSDP and Wiegand protocols. An optional advanced built-in card reader supports multiple card formats as well as mobile credentials.

IrisAccess®

Features



Multifactor Options: Iris & Face Fusion, Pinpad, Card Reader

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

The optical system automatically adjusts for user heights and is 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 irises and face simultaneously at the same distance.



Non-Contact & Easy Authentication

Automatically captures faces and irises up to 24 inches (60cm).



Standards Compliant

IEC 62471:2006, UL 294, CE, FCC, KC, ROHS, UKCA



Advanced Security

Supports comprehensive data encryption, advanced network security, and secure boot.

Specifications

Dimensions (W x H x D)	188mm x 199mm x 34mm (7.4" x 7.8" x 1.3")
Weight	810g (1.8lb)
Type	Walk-up
Power Input	24VDC or PoE+
Display Touchscreen	Main Display: 7" LCD, Selfie Display: 39mm (1.54") circular LCD
User Interface	Auto-tilt, Self-guidance with visual displayed
Operation	All combinations of Iris, Face, Iris & Face Fusion, Pin, Card
User Capacity	Up to 100,000 users on device
Transactions	Up to 1,000,000 on device (up to 100,000 with audit face images)
Encryption	AES-256
Platform Security	Secure Boot, Root of Trust
Matching Speed	Less than 1 second
Languages	Supports multiple languages/characters simultaneously
Iris Camera	ISO 29794-6 Compliant
Face Camera	ISO 29794-5 Compliant
Operating Range	Iris Camera: (30 – 60cm (12 – 24") / Face Camera: 30 – 80cm (12 – 32")
Tilt	Auto tilt, -30° – +30°
Algorithms	Iris recognition, Face recognition, Iris/Face PAD, Lens detection, Face mask detection
Real Time Clock	Rechargeable battery
Connectivity	Ethernet, Wi-Fi (optional)
Proximity Detection	ToF Sensor
Card Reader (optional)	Prox (125kHz) and iCLASS®, Seos®, MIFARE®/DESFire® (13.56MHz) card supported
Relay	2-Dry contact outputs available
Wiegand	Wiegand In/Out (flexible up to 200bits and pass through to the access panels)
PoE+	IEEE802.3at compliant, 30 watts
Serial	RS232, RS485(ODSP), RS422
Indicator	Multi-color LED for power and user guidance from 7" LCD
Certifications	FCC, CE, KC, UKCA, UL294, ISTA, Eye Safety
Temperature	Operating: 0°C – 45°C (32°F – 113°F) / Storage: -20°C – 90°C (-4°F – 194°F)

Models

Model	Touchscreen LCD	PoE+	Wi-Fi (optional)	Prox 125kHz	MIFARE®/DESFire® (HID® SEOS/iCLASS®) 13.56MHz		OSDP
iA1000-WPN	✓	✓	✓
iA1000-WPH	✓	✓	...	✓	✓	✓	✓

IrisAccess® Management Suite (iAMS™)

iAMS™ provides a centralized web-based application for managing iA1000 devices, users, and transaction logs. It offers a user-friendly graphical interface (GUI) that simplifies configuration and monitoring tasks, making it accessible to both technical and non-technical users. Using REST APIs, the application enables real-time data exchange and efficient management of iA1000 devices. Operators can easily authenticate and activate iA1000 devices, track activities, and review transaction logs, all from an intuitive interface that requires minimal training. This solution is ideal for enterprise level applications to provide device and user management from a single or multiple locations to meet your access control needs.

Use Cases



Access Control



Laboratory



Healthcare



Manufacturing



Construction



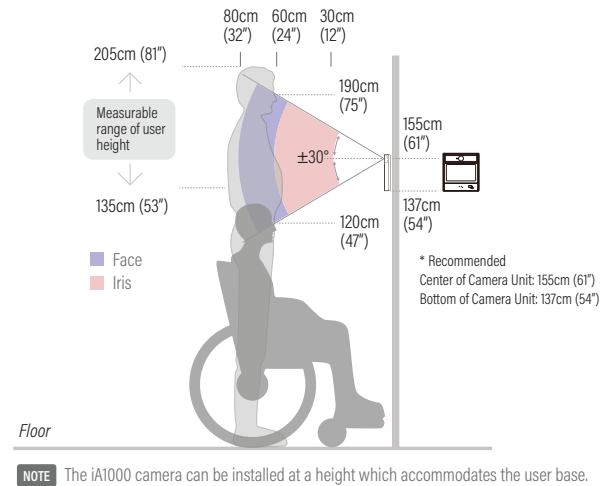
Large Scale ID



Public Security

IRIS ID AUTHORIZED RESELLER

Capture Volume



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