Iris & Face Recognition 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 is available in two configurations, with each model featuring dual iris and face cameras, along with a new circular user guidance display. Both models are equipped with a touchscreen LCD, Wi-Fi and PoE capabilities, and support OSDP and Wiegand protocols. Optionally, there is an advanced built-in card reader that supports multiple card formats and mobile credentials.

IRIS ID
Advanced Identity Authentication™

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
The optical system automatically adjusts for user heights and is ADA 508 compliant.

Enhnaced Capture Range
Wide recognition range of Iris 30-60 cm (12-4") & Face 30-80 cm (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 60 cm (24 inches).

Standards Compliant
Safety

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

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

Specifications

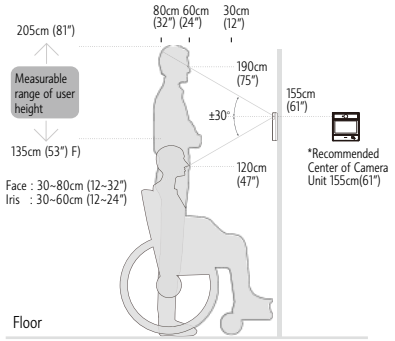
Dimensions	(W x H x D) 18.8 cm x 19.9 cm x 3.4 cm (7.4" x 7.8" x 1.3")
Weight	810 g (1.8 lbs)
Type	Walk-up
Power Input	24 VDC or PoE+
Display	Main Display : 7" LCD and Selfie Display: 3.9 cm (1.54") circular LCD
User Interface	Self-guidance with visual displayed
SELinux	Linux
Operation	All combinations of Iris, Face, Pin, Card (And/Or Fusion)
User Capacity	Up to 100,000 users
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, SELinux
Matching Speed	Less than 1 sec
Languages	Supports multiple languages/characters simultaneously
Iris Camera	2 x 5 MP B/W CMOS image sensor
Face Camera	13 MP Color CMOS image sensor

Operating Range	Iris Camera: 30 – 60 cm (12–24") / Face Camera: 30–80 cm (12–32")
Tilt	Auto tilt, -30° – +30°
Algorithms	Iris recognition, Face recognition, Iris/Face PAD, Lens detection, Face mask, Eyeglasses detection
Real Time Clock	Rechargeable battery
Connectivity	Ethernet, Wi-Fi , BLE (optional)
Proximity Detection	ToF Sensor
Card Reader	Prox card reader (125kHz), HID® card reader (13.56MHz) – iCLASS®, Seos® MIFARE®/DESFire® card supported
Relay	2-Dry contact for door
Wiegand	Wiegand In/Out (flexible up to 200 bits and pass through to the access panels)
PoE+	IEEE802.3at compliant, 30 watts
Serial	RS232 / RS485(OSDP) / RS422
Indicator	Multi Color LED for power and user guiding
Certifications	FCC, CE, KC, UKCA, UL294, ISTA, KISA, Eye Safety
Temperature	Operating: 0 – 45 °C (32–113 °F)/Storage: -20–90 °C (-4–194 °F)

Model

Model	LCD	PoE	Wi-Fi	Prox 125kHZ	MIFARE®/DESFire® (HID® SEOS/iCLASS®) 13.56MHz		OSDP	SELinux
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™)

iA-MS™ 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

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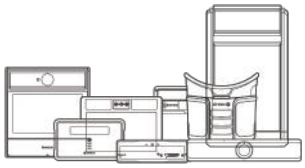

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IRIS ID AUTHORIZED RESELLER