

IrisAccess® 4000

Next Generation Iris Recognition System



Iris ID's IrisAccess® 4000 sets the standard for performance and versatility for iris recognition. Whether you are looking for a single biometric identification solution or a multi-factor solution that works with many leading cards, card readers and or pin input devices for verification, the IrisAccess platform will meet your needs.

Iris ID Systems has been the key developer and driver of the commercialization of iris recognition technology for over 10 years. IrisAccess®, now in its third generation with even more features and flexibility, is the world's leading deployed iris recognition platform. Iris ID's biometric solutions enabling non-contact and highly accurate identification by the iris of the eye, deliver security, convenience, privacy and productivity to millions around the world.

The IrisAccess® 4000 solution is versatile and flexible allowing easy integration and expansion into a range of applications. An intuitive user interface, with visual and audible prompts enables users to be enrolled and identified more easily and more quickly at an affordable price. A powered, auto-tilt capability further increases both speed and convenience by adjusting for height with a simple touch or if a card is presented when multi-factor authentication is chosen.

The security of the IrisAccess® platform is also superior since no biometric templates are stored on the iCAMs. Experts also concede that the countermeasures built into the IrisAccess® suite set the standard for the industry. A new iData software suite for access control and a tool kit for building identity dependent applications support several different encryption alternatives, is FIPS201 compliant and includes PKI support.

Every iris pattern is unique and stable for life barring direct trauma. Since there are more readily measurable characteristics in the iris, iris recognition is the most accurate, fastest, and scalable option for small and large scale biometric deployments. Finger, hand, voice, vein and facial characteristics often vary and change over time.

Technical Specifications

The IrisAccess® 4000 series has features no other iris system offers. An auto-focus lens enabled iris acquisition process that ensures rapid, high quality iris images for enrollment and recognition. A motor-driven targeting aid is just part of an intuitive and interactive interface that also includes voice and visual feedback. All models feature the robust Iris ID countermeasure package experts agree sets the standard in the industry.



Two Eye Authentication IrisAccess® 4000 quickly acquires digital images of both irides. A variety of configurations can be selected including authentication by right, left, either, or both eyes.



Facial Image Capture Mindful that many customers value capturing a face picture at the time of iris enrollment, a basic face camera has been incorporated into the 4000 series iCAMs. Drivers for the camera are a feature of the iData software suite as well.



Network Connectivity Each IrisAccess® hardware component is IP addressable and thus ideal for even large, enterprise-scale network deployment. Standard connectivity options including Ethernet, serial RS-232, and configurable Wiegand interfaces are included.



De-duplication and iIdentityCheck features assure that each user is enrolled with one id. This functionality increases security and compliance with "know your customer / user" requirements.



Multi-Factor Authentication Card-based authentication is made easy by ordering an IrisAccess® model containing embedded card readers from an increasing number of leading card companies. Available wiegand and serial inputs allows for integration with many external card and pin input devices as well.

iCAM4000 (IrisCamera)

Dimensions (W x H x D)	8.6" x 6.5" x 3.2" (218mm x 164mm x 80mm)
Weight	4.4lbs (2kg)
Power Input	12VDC, 2.5A
Power Consumption	30W
Status LED	Power (Blue), Accept (Green), Reject (Red)
Range LED	Operating Range (Green), Out-of-Range (Orange)
Voice Indication	Flexible Voice Message (English: standard, Other Language: downloading available)
Iris Capture Range	10.2" ~ 14.2" (26cm ~ 36cm)
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Humidity	0% to 95% Non-condensing
Rotation Angle	+35°/-25°

Interface

• Ethernet • Proximity Card Reader (Wiegand In) • SmartCard Reader (Optional) • Wiegand Out • Dry Contact Relay

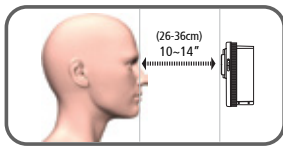
Equipment supplied with iCAM4000

• AC Power Cord • AC Power Adapter • Straight Ethernet Cable

IrisServer PC Requirement

Operating System	Windows® 7/Vista/XP (32-bit only)
Processor	Pentium® 4 1.6GHz or higher
Memory	512MB or higher (minimum 2GB for Windows 7 or Vista)
Hard Disk	10GB or higher
Ethernet	10/100Mbps Full Duplex
Other	CD-ROM

User Interface



● Green dot = In range
● Orange dot = Out of range

- iCAM activates when user approaches or when card is presented.
- Picture capture range is 10-14 inches (26-36cm) away.
- Self or auto/set height adjustment.
- Placing dot over the bridge of nose, easily helps alignment.

- Orange ● turns to green ● when user is at correct distance.
- Visual indication is amplified with friendly audio prompts.
- Right and left irides are acquired.
- A face picture can also be captured.

Use of IrisAccess



Building Security



Transportation Security



Laboratory Security



Infrastructure Security



Public Safety & Justice



Time & Attendance



Border Control



Data Center Security

Installation and Dimension

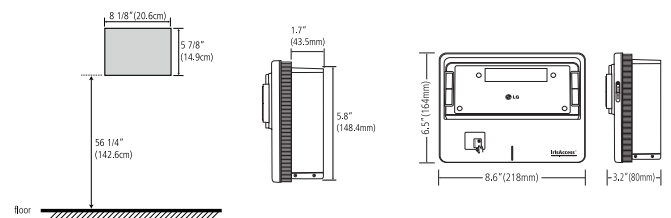


Illustration of mounting prep depth requirements with flush mount to wall. Recess mount kit available for iCAM4000 - Order iCAM-RM Mount kit.

Eye Safety

Iris ID's heritage as a designer and manufacturer of high quality products is reflected in the utility, intuitiveness, human factors engineering and concern for safety that is part of the Iris ID design and innovation process in iris recognition. The IrisAccess cameras meet or exceed US and international electrical code requirements. The optics and subtle illumination produced by IrisAccess has been thoroughly tested and found to fall well within UL, ANSI, and IEC eye safety standards. It has also been independently tested and approved for eye safety by other parties in the public and private sectors.



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