iCAM7000 Advanced Multifactor Biometric IRIS Reader

totallyintegratedIPsecurity

The **iCAM7000** series scanner allows rapid iris acquisition with great image quality for superior enrolment and recognition, made possible with its intuitive and interactive interface.

This biometric iris solution is highly versatile and flexible, and provides highly accurate, non-contact identification with each individual's unique iris characteristics.

Recommended applications include Transportation & Immigration, Public Safety & Justice, National Identity, and Access Control & Time Attendance.
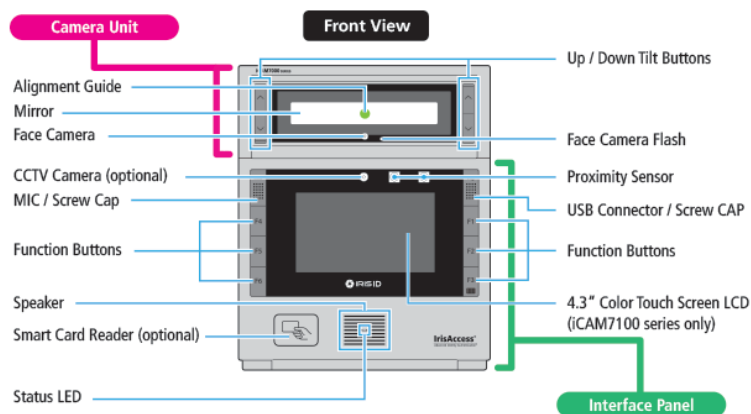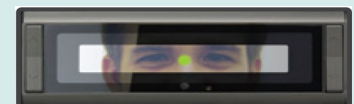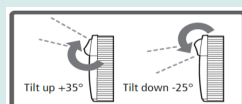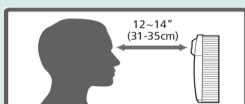
IRIS ID

Key Features

- Fast & Fully Automatic Dual Iris Capture
- Non-intrusive, Non-contact User Interface
- 1:N and 1:1 Matching
- Integrated Contactless Smartcard Reader
- ISO 19794-6 Compliance
- Touch Screen LCD and PIN Pad (iCAM7100)

- Auto Tilt with use of Smartcard or PIN
- Audio and Visual Prompts
- Hygienic and Clean
- Easy to Install and Maintain
- Convenient Remote Management
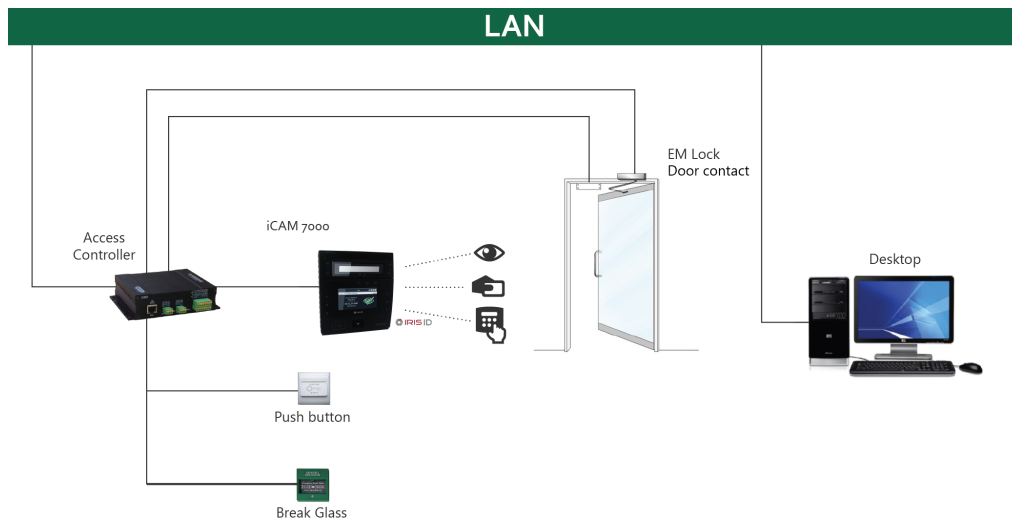- Flush or recess mounting

Product Guide

Front View

Camera Unit
- Alignment Guide
- Mirror
- Face Camera
- CCTV Camera (optional)
- MIC / Screw Cap
- Function Buttons
- Speaker
- Smart Card Reader (optional)
- Status LED

- Up / Down Tilt Buttons
- Face Camera Flash
- Proximity Sensor
- USB Connector / Screw CAP
- Function Buttons
- 4.3" Color Touch Screen LCD (iCAM7100 series only)

Interface Panel

Easy to Use User Interface

12~14" (31-35cm)

Tilt up +35°   Tilt down -25°

- iCAM activates when user approaches or when card is presented
- Picture capture range of 30~35cm (12"~14") away
- Self/Auto set height adjustment
- Dot on the bridge of nose to facilitate alignment

- Orange dot turns to green when user is at correct distance
- Friendly audio prompts supplement visual indication
- Right and Left irides are acquired automatically

Schematic Diagram

Technical Specifications

Specifications*	iCAM7000/ iCAM7100
Description	Advanced Multifactor Biometric Iris Reader
User Input	6x Function Keys (User Definable)
Voice Indication	English, others by download
Iris Capture Range	31-35cm (12"-14")
Iris Camera Rotation Angle	+35°/-25°
Iris Operating Range Indicator	Dual Color-Orange (out of range), Green (in range)
Status LED	Multi Color-Red, green, Blue for status indication
Touch Screen LCD Display	480 x 272 pixels (4.3") (iCAM7100)
PIN Pad	Pop-up on Screen (iCAM7100)
Communications	Ethernet (LAN, WAN), RS422 (output only),
Communications	RS232 (input only from external card readers)
Transaction Log Capacity	Up to 100,000 FIFO transactions stored on device, unlimited on server
Inputs/ Outputs	Proximity Card Reader (Wiegand In), Embedded Smart Card Reader (Optional),
Inputs/ Outputs	Wiegand In, Wiegand Out, 2x Dry Contact Relays, 4x Programmable GPIO
Power Input/Consumption	12~24V DC, 2.0A @ 12V DC/ 24W
Operating Temperature/Humidity	0°C to 45°C / Up to 90% non-condensing
Dimension (W x H x D)	178 x 211 x 64 mm (7.01" x 8.31" x 2.52")
Weight	1.6kg

Specifications are subjected to changes without prior notice

Ordering Information

Model No.	Description
iCAM7000	Multifactor Biometric Iris Scan Reader
iCAM7010-U1	Multifactor Biometric Iris Scan & Mifare Reader
iCAM7101	Multifactor Biometric Iris Scan Reader with LCD Display
iCAM7111-U1	Multifactor Biometric Iris Scan & Mifare Reader with LCD Display
EAC500	IrisAccess Software for up to 500 Users
EAC5000	IrisAccess Software for up to 5,000 Users
EAC10K	IrisAccess Software for up to 10,000 Users
EAC30K	IrisAccess Software for up to 30,000 Users

* For more than 30,000 users, please contact our Sales team*