iBAR 600E
Advanced Multi-Biometric Module

IRIS ID
Advanced Identity Authentication™
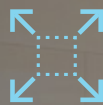

Counter Measures

Advanced Security

Large Capture Volume

Brand Customization Available

Intuitive LCD User Interface

REST API Easy Integration

Kiosk by NextgenID

The all new iBar 600 from Iris ID is the latest product release designed to help travelers skip the hassle when they need to identify and authenticate. It was created in response to industry insiders communicating a need for a product that would deliver an efficient and effective user experience. Ready for enrollment programs and security check in's including at the airport or for immigration, the iBar 600 is a complete and seamless OEM module that streamlines the verification process.

With an impressive capture volume, the multimodal iris & face collection iBar 600 is adept at providing crisp and accurate images at various angles – even capturing someone in a wheelchair. Upon kiosk approach, users will meet an intuitive and user-friendly 1.3" circular LCD interactive screen. This screen placement instinctively attracts a user's eyes to begin the identification process. With activation, cameras on the LCD zoom in and out and subtitles are featured on the bottom of kiosk screens as an additional instructional guide.

The iBar 600 is a smart, image capture standards compliant biometric system designed to work with legacy kiosk or gate implementation within aviation or transportation sectors.
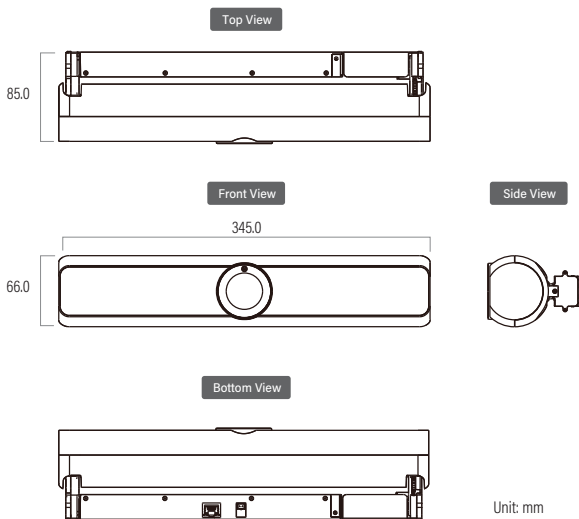
IrisAccess®

Features

 High Quality Video Streaming

 REST API Easy Integration

 Auto Zoom, Focus and Image Cropping

 Flexible Mounting Options

 Tested in authorized testing lab

 Accurate Capture up to One Meter

 OS Platform Independent

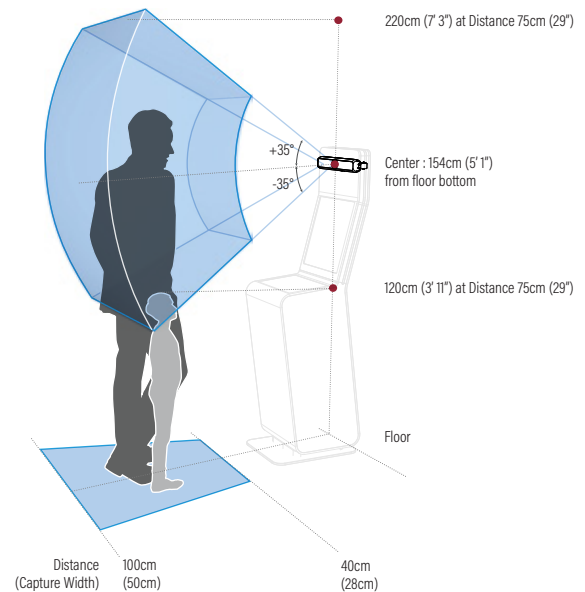 OEM Package for Kiosk or Gate Installation

 Works with Masks and Glasses

Specifications

Basic	CPU	Cortex-A53
	Storage	2GB DDR3, 16GB eMMC
	OS	Embedded Linux
Display	Size	1.3 inch, Circle Type TFT LCD
	Resolution	320(H) x 320(V)
		MIPI DSI
Connectivity	Ethernet	TCP/IP, RJ45
Camera	Iris Camera	ISO 29794-6 Compliant
	Face Camera	ISO 29794-5 Compliant
Illumination	IR LED	ISO 29794-6 Compliant
Secure	Secure Chip	AES256
Mechanics	Pan / Tilt Motor	Precision high speed motor
	Iris Camera Lens	Zoom & Auto Focus
Power	Power Supply	DC24V 2.5A
Capture Range	Height (Tilt)	± 52cm at 75cm (±35°)
	Width (Pan)	± 20cm at 75cm (±5°)
	Distance	40cm~100cm (15"~ 39")
Size	W x H x D	345mm x 66mm x 85mm (13.6" x 2.6" x 3.3")
	Weight	1.1kg (2.4lbs)
Streaming	Face Image	H.264 Format, 30FPS @ 1280x720 (HD) or 640x480 (Video Only)
Operating Environment	Operating Temperature	32°F~113°F (0°C~45°C)
	Storage Temperature	-4°F~203°F (-20°C~95°C)
	Humidity	5~95% non-condensing

Mechanical Drawing

Top View

85.0

Front View

345.0

66.0

Side View

Bottom View

Unit: mm

Capture Volume

220cm (7' 3") at Distance 75cm (29")

+35°
-35°

Center : 154cm (5' 1")
from floor bottom

120cm (3' 11") at Distance 75cm (29")

Floor

Distance
(Capture Width)

100cm
(50cm)

40cm
(28cm)

Use Cases

 Kiosk

 e-Gate

 ATM/VTM

 Border Control

 National ID

Iris ID Systems, Inc.
8 Clarke Drive, Cranbury, NJ 08512, USA
Tel. 609-819-IRIS(4747) Fax. 609-819-4736
www.irisid.com