

# IriAegis-BK



An easy-to-use binocular contact iris scanner, quickly capture dual-eye iris images



RoHS, USB - IF  
FCC Part15 Subpart B Class A  
CE



Simultaneous Auto Dual Iris Capture  
Capture time under 3 secs



Eye Safety - IEC 62471:2006



ISO Image Interchange Format  
compliant



Support Windows/ Linux/ Android  
Operating Systems



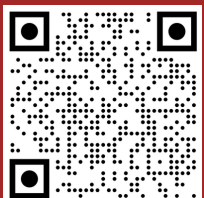
Compact and Lightweight



Single USB Bus Powered



IP65 Compliant:  
Dust and Water Resistant



Scan for more information!



# IriAegis BK

## An easy-to-use binocular contact iris scanner



### Product Overview

The IriAegis-BK is an easy-to-use binocular iris scanner.

This device can quickly capture dual-eye iris images.

Once the user's eyes approach the device, the iris image capture is completed within 2 seconds.

(※ Specifications & Color to change without notice)

### Technical Specifications

<b>Capture Mode</b>	Auto capture (Both Iris Capture Simultaneously)
<b>Image Format</b>	JPEG/TIFF/PNG
<b>Capture Time</b>	<3 seconds
<b>Iris Image Resolution</b>	VGA (160 x 160 to 640 x 480 Pixels, 8bit Grayscale)
<b>Compression Ratio</b>	1:10
<b>Image Representation</b>	Base64 string
<b>Dimensions</b>	192 x 162 x 70 mm (7.56 x 6.38 x 2.76 in)
<b>Power Input</b>	Single USB Bus Powered (DC +5V±5%) (Power Consumption: <2.5W)
<b>Environment</b>	Humidity: 0% to 93% RH Operating Temperature: -10 °C to + 55 °C
<b>Illumination</b>	Infrared LED (2 x 810nm LED)
<b>Compliance</b>	UIDAI, MOSIP
<b>Interface</b>	USB 2.0
<b>Quality or NFIQ Score</b>	NFIQ v1.0
<b>Security Features</b>	No caching and storage of the captured iris image in the device

### Why IriTech?

IriTech, Inc. is one of very few iris providers who owns all in-house proprietary technologies vital for deploying any scalable end-to-end iris ecosystem. With more than 20 years of experience in iris recognition technology and top-ranked NIST<sup>1)</sup>-proven algorithms, IriTech has been trusted by many prestigious clients.

Our systems have been deployed in multiple large-scale projects ranging from governments to corporates due to its exceptional performance in tough environment. IriTech is proud to be the partner of choice, leading the iris biometrics technology.

1) National Institute of Standards and Technology

### Host OS

<b>Operating System</b>	Windows, Linux, Android
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### Certifications

<b>Biometric Data Interchange Format</b>	ISO Standard 19794-6 (2005 & 2011) or above
<b>EMI / EMC Compliance</b>	FCC Part15 Subpart B Class A EMC Directive 2014/30/EU
<b>Environmental, Health and Safety</b>	RoHS
<b>Safety</b>	IEC 62471:2006 Exempt Group (Eye Safety Certified)
<b>Ingress Protection Rating</b>	IP65
<b>Protocol Compliance</b>	USB-IF

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# Contact Information



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