

EyeSwipe® Mini



EyeSwipe Mini is a miniaturized version of Global Rainmakers, Inc.'s HBOX® technology, performing real-time iris recognition on the fly, at a distance.

EyeSwipe Mini eliminates the need for cards and overhead to manage card-based systems. The product is offered at a price point that easily competes with the significantly less-accurate but widely-used card-based systems.

With its 15 people per minute throughput capability (people moving at speeds of up to 1 m/sec), EyeSwipe Mini is ideal for physical access control to critical rooms and areas within buildings such as server rooms, vaults, etc.

The technology is entirely seamless to use as all an individual has to do is briefly glance at it while moving towards the EyeSwipe Mini.

The primary components of EyeSwipe Mini are embedded processors, cameras, lenses and IR panels running multiple wavelengths, which are designed specifically by GRI and contained in the HCore module. The operating system of the EyeSwipe Mini is Linux.

EyeSwipe Mini can be used indoors, as well as outdoors (w/NEMA housing) and can be mounted on a wall.

EyeSwipe Mini comes in two models, namely EyeSwipe Mini Portal and EyeSwipe Mini, differing in their biometric modalities. EyeSwipe Mini has the capability to acquire facial imagery of 125 pixels between the eyes.

Both versions of the EyeSwipe Mini can be configured to have the "Enrollment on the Fly™" capability, whereby an individual can be enrolled in the EyeSwipe Mini database simply by glancing at the device while moving towards it, just like recognition.

The technology has "Identification in Anonymity" capability. EyeSwipe Mini also provides identity security through live iris verification:

- A user has to be physically present at time of biometric identification.
- Identity cannot be stolen as credit card numbers, PINs, usernames, and passwords can and are.
- A person with an image of an iris of another person, either in photo or video CANNOT commit fraud by pretending to be the actual owner of the identity.



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EyeSwipe Mini hardware is complemented by SAMBI and BioTag™ softwares, which are included in the list price as a runtime license per unit for unlimited number of users.

Like all GRI biometric products, EyeSwipe Mini is algorithm agnostic, and can be coupled with any algorithm that the customer wishes to utilize.

The operation of EyeSwipe Mini might require an EyeSwipe Mini back-end/server, with pricing based on the number of EyeSwipe Mini units networked. GRI also offers a back-end server for unlimited number of devices.

The spare parts kit for EyeSwipe Mini consists of processor, illuminator, and opto/mechanical parts specific to the model.



ACCURATE, FAST, SEAMLESS BIOMETRIC IDENTIFICATION

	EyeSwipe Mini Portal	EyeSwipe Mini
Biometrics	Iris (210 pixels))	Iris (210 pixels) & face (125 pixels between the eyes)
Real-time Throughput	Up to 15 people per minute	
Acquisition Speed	Person moving at 1 m/sec	
Stand-off Distance	19" / 0.48 m	
Vertical Capture Range	5.4" / 0.14 m (w/a manual mechanism it increases to 16" / 0.41 m)	
Horizontal Capture Range	8" / 0.2 m	
Operating System	Linux	
Biometric Acquisition Software	GRI proprietary SAMBI	
Biometric Matching Software	GRI proprietary BioTag™	
Operating Temperature	0-40° C	
Network Interface	IEEE 802.3 Ethernet 10/100/1000	
Power Requirements	100W A/C adapter, 110-240VAC	
WiPak*	Yes	No
Dimensions (W x H x D)	9" / 0.23 m x 4" / 0.1 m x 3" / 0.08 m	

*WiPak is GRI's proprietary integration package consisting of all portal interface hardware and software.