

EyeSwipe®

Physical and Logical Access Control



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

EyeSwipe serves various security requirements, ranging from border control and immigration applications, to access control in high-throughput environments replacing traditional methods and systems.

The EyeSwipe is enabled by GRI's proprietary HCORE™ module, consisting of embedded processors, cameras, lenses and IR panels running multiple wavelengths. The operating system of the EyeSwipe is Linux.

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

EyeSwipe is scalable to accommodate high person-traffic environments.

Like all HBOX technologies, EyeSwipe has "Identification in Anonymity" capability whereby biometric information is collected

and/or stored without assigned information such as name or address. Moreover EyeSwipe is enabled to perform "Enrollment on the Fly."

EyeSwipe is enabled by GRI's SAMBI™ (biometric acquisition) and biometric matching softwares that enable the acquisition of an individual's iris and facial imagery and in real time match the iris. The protocol that manages communications between the EyeSwipe building blocks is the TCP/IP protocol, which allows for easy integration of multiple units in a networked environment.

Once installed, you simply enroll approved individuals into the EyeSwipe database and the system immediately recognizes that person's biometrics as they walk towards or by the system.

When used with the BEWARE Transactional Module, EyeSwipe eliminates financial fraud related to check cashing and account opening transactions.

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EyeSwipe, with its 30 person per minute throughput capability is ideal for high-throughput environments, such as building access control. Among other things, the technology also serves as a passenger provenance, border control and immigration solution. The primary components of EyeSwipe are embedded processors, cameras, lenses and IR panels running multiple wavelengths, which are designed specifically by GRI and contained in the HCore module.

EyeSwipe can process individuals as they are moving at speeds of up to 1 m/sec.

EyeSwipe's stand-off distance is 33", with a vertical capture range of 27.4" and a horizontal capture range of 8".

The product is priced such that the software is included in the list price as a runtime license per unit for unlimited number of users.



ACCURATE, FAST, SEAMLESS BIOMETRIC IDENTIFICATION	
Biometrics	Iris (210 pixels) & face (125 pixels between the eyes)
Real-time Throughput	Up to 30 people per minute
Acquisition Speed	Person moving at 1 m/sec
Stand-off Distance	33" / 0.84 m
Vertical Capture Range	27.4" / 0.7 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	250W A/C adapter, 110-240VAC
WiPak*	Yes
Dimensions (W x H x D)	12" / 0.31 m x 24" / 0.61 m x 5.75" / 0.15 m

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

