



AerPass

World's first Robotic Iris Scanner

Fast iris scan and face capture unit

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- AerPass is the first self-levelling, touch-less, plug and play, Iris scanner and face capture robotic platform in the world.
- AerPass removes the "Human familiarity factor" from use of Iris Scanning by leaving all the work to the machine. AerVision's proprietary solution detects the eyes and controls the robotic arm to perfectly align the scanner to the user's eyes so a perfect scan of the iris can be taken.
- With AerPass, access control and passenger screening in heavy traffic areas such as airports, corporate buildings and secure facilities, becomes easy, fast and very reliable. In fact the chance of AerPass incorrectly identifying a person is 1 in 2.3 Trillion!! And this is achieved in under 1 second.

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Dimensions	250mm (depth), 250mm (width), 1200mm (height)
Weight	32kg
Detection Range for Response	Adjustable up-to 2 meters
Recognition Range	30 - 40cm from the scanner
Throughput	1.5 - 2 seconds per person 20 - 25 people per minute (same as walking pace)
Durability of actuator and motor	100,000,000 stroke or 9.5 years based on 30000 users per day (24 hours use a day, 7 days a week, at maximum capacity)
Power consumption	Max 250W – in motion Max 15W – standby
Operating voltage	110V and 240V
Mounting	On the wall (using supplied brackets) or on a base
Matching Capacity	Up to 20,000 users on Device and 1,000,000+ users on server
Operating modes	Automatic align, Manual control using AerPass web interface
Ports	1x Ethernet – back office integration 1x Ethernet – manual control
Access control interfaces	Wiegand, F2F, OSDP and PAC for simple integration with all existing platforms