

## Access550™

Convenient authentication and High-Volume enrollment

The **Access550** builds on the legacy of the Access500 line and its high-speed / high-quality iris and face biometric, and incorporates the latest hardware and software enhancements to deliver substantial improvements in both performance and convenience. As with our original A500-series device, the **Access550** accommodates a wide range of subject heights to automatically collect iris and face biometrics during the enrollment process. But in addition, the **Access550** incorporates an internal computer along with an improved face camera and automatic optimization algorithms to deliver high quality facial imaging, a new higher-resolution HDMI input display, new user feedback features to speed up the subject alignment process, and new security protocols for better data encryption performance.

Like its predecessor, the **Access550** can be integrated with passport scanners, fingerprint capture devices, badge readers, and other sensors as part of a complete application solution using our APIs.



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- *Rapid acquisition of high-quality face and iris biometrics*
  - *Web service interface for integration into complex applications*
  - *Seamless interoperability with our Identity Management platform and the Access Control Product Suite™*
  - *Integrates with external credentials to streamline enrollment*
  - *Less cables due to the internal high-speed processing*
  - *Optional support for rapid trimodal enrollment*
  - *Streamline passenger processing through immigration check points*
  - *Secure base and facility access with large numbers of contractors and personnel*
  - *Rapid enrollment of iris and face for bases, large organizations, law enforcement, and booking stations*

<b>Access550</b>	
<b>Supported Modes</b>	
Identification	✓
Enrollment	✓
<b>Supported Biometrics</b>	
Iris	✓
Face	✓
<b>Performance</b>	
Biometric capture time	< 2 seconds
Standoff Distance	55cm to 80cm (21.6in to 31.5 in)
Subject height range	109cm to 205cm (42.9" to 80.7"), <b>adjustable based on mounting height</b>
<b>Size</b>	
Unit	13.534cm (D) 25.4cm (W) 40.6cm (H) (5.34in x 10in x 16in)
<b>Weight</b>	
Unit	9 kg (19 lbs)
<b>Product Specifications</b>	
Operating temperature	10° to 50° C (50° to 122° F)
Storage temperature	-15°C to 55°C (5°F to 130°F)
<b>Power</b>	
Requirements	24V DC
Power Consumption	< 100 Watts average, < 160 Watts peak
<b>Processing</b>	
Internal Computer	✓
Networking Speed	2.5 Gb/s
<b>IO</b>	
Ports on Device	Ethernet (RJ-45), Power input, HDMI input
<b>Display</b>	
Resolution	1920x1200 (1920x1080 Usable)
Brightness	400cd/m2
HDMI	✓
<b>Face Camera</b>	
Resolution	8.3 Megapixels

Princeton Identity is a leading innovator of iris-biometric and multi-factor authentication technologies, transforming how businesses and governments around the globe achieve secure and reliable identity assurance. Backed by over two decades of research and product design, our solutions are trusted by some of the most recognized names in banking, industry, higher education, healthcare, transit, and border control. Princeton Identity systems are proudly manufactured in the USA, and deliver unparalleled flexibility, accuracy, convenience, and scalability.



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