



Portable Multimodal Enrollment and Recognition Device

The Handheld Interagency Identity Detection Equipment

HIIDE™ Features and Benefits

- Handheld Multimodal Multi-Biometric Device

Small, compact, and portable; an individual can be enrolled and identified with iris, finger, or facial biometrics.

- High capacity Storage

Each HIIDE can store up to 22,000 full biometric portfolios.

- Portable Capability

Identify a subject in standalone mode without the restraint of being connected to a host PC.

- Configurable

Customize the HIIDE by adding USB-enabled peripheral devices including live scan devices, passport or card readers, or an external keyboard and mouse.

The HIIDE™ device is the most powerful tool ever developed for biometric identification. Rugged, handheld, and portable, the HIIDE is a multi-biometric device capable of quickly and accurately enrolling and identifying subjects using iris, fingerprint, or facial recognition.



Additionally, the HIIDE has an onboard processor and data storage capacity used to create and store up to 22,000 full biometric and biographic portfolios (A full portfolio includes 2 iris templates, 10 fingerprints, a facial image, and 35 fields of biographic information). Enabled with an easy to follow and intuitive user touch screen, the HIIDE makes subject enrollments effortless and uncomplicated.

HIIDE provides complete enrollment and identification functionality while connected to a host PC or when operating in the field untethered. When used in the field, each device can be preloaded with a database of biometric and biographic portfolios used for specific watch list identification.

Deployments

The HIIDE is currently being used in remote/centralized enrollments, watchlist management, and civil identifications.

- Over 6,500 devices fielded into areas of conflict around the world
- Most widely deployed multimodal device within the U.S. defense agencies
- Uses highly accurate industry standard Daugman algorithm



Layering Biometrics

The world of biometrics has moved from solutions involving single biometric identification modalities to ones of increasing complexity which involve two or three biometric modalities.

The HIIDE™ combines into a single device the speed and accuracy of iris identification and the ability to access large biometric databases that contain fingerprints and facial images. The HIIDE is the most powerful biometric identification tool that can be customized to fit almost any identification need.

HIIDE™ Series 4 Specifications

Physical Dimensions	Height 5 inches (127 mm); Width 8 inches (203 mm); Depth 3 inches (76 mm); Weight 2 lbs 3 oz. (1361 grams)
Hardware	CPU: AMD 533 MHz, 16K Instruction, 16K Data Cache Display: 640 x 480 Color Touch-Screen LCD Memory – RAM: 256 MB Compact Flash Socket: Up to 4 GB supported Battery: Dual 2000 mAh (Total 4000mAh); Hot Swappable, Lithium Ion
Network	Data Transfer: 10/100BaseT PCI Ethernet, 2 x USB ports
Image Capture	Iris Capture Camera: 640 X 480 (VGA) monochrome; Focal distance – 8 - 10"; Capture Rate – 15fps (Approx.) Face Capture Camera: 640 X 480 (VGA) color; Focal distance – Approx. 36"; Capture Rate – 15fps (Approx.) Fingerprint Sensor: Capacitive 500dpi, Capture Rate – 14fps
Illuminators	Infrared Illumination: Dual Band IR:(Safety tested)
Accessories	Power Supply + Power cord: For charging HIIDE™ device Deluxe Hard & Soft Case: For storage of the HIIDE™ device External Battery Charger Additional Battery, Stylus
Capacity	22,000 template portfolio capacity +1,000 image based portfolio capacity: Fingerprint, face and iris templates + biographical info

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“We believe that the use of biometrics, specifically iris recognition, in the War on Terror could help prevent another 9/11 from happening. L-1’s handheld device allows flexibility of use on the battlefield and provides a level of accuracy we have not seen before with biometrics. If the use of these devices can save just one life, we will have received benefit from our investment. Our goal is to use them to save many lives and win the War on Terror”

Lieutenant Colonel
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