



Features

- FBI-approved optical sensor with single or two finger flat and roll fingerprint capture capability.
- Simultaneous dual iris capture, a full-function camera for face capture, and built-in image quality checks are standard.
- GPS and wireless transmission capabilities supporting 802.11, 3G/4G cellular, WiFi, and Tactical Radio.
- Highest onboard storage capacity in the industry, accommodating storage for up to 500,000+* identity records.
- Smallest form factor device coupled with intuitive user interface simplifies and speeds capture process.
- Top-rated iris and face algorithms ensure fast and accurate matching.
- Encryption and tamper protection enhance security.
- Complements HIIDE™ 4, the most widely deployed multi-modal device with defense agencies.

HIIDE™ 5

The most widely-deployed, handheld multi-biometric solution family

THE ONLY DEVICE OF ITS KIND TO GENERATE NATIVE IRIS, FINGER AND FACE TEMPLATES ONBOARD

The newest introduction to the HIIDE family of products, HIIDE 5 has optimized functionality for high-volume remote enrollments and integrates with U.S. and non-U.S. database systems.

HIIDE 5 is a self contained, man portable “hasty enrollment” device offering a smaller and lighter alternative to separate component enrollment solutions.

Along with a new middleware application, the HIIDE 5 is capable of generating onboard templates for iris, fingerprint, and facial images that are identical to those used in various authoritative databases, including the Department of Defense (DoD) Automated Biometric Identification System (ABIS). The only device of its kind with this capability.

The templates are less than one-tenth the size of standard image file formats used by other systems, reducing bandwidth requirements and speeding transmission times.

HIGHEST ONBOARD STORAGE CAPACITY IN THE INDUSTRY, ENSURING SIGNIFICANTLY HIGHER SEARCH AND HIT RATES IN REMOTE LOCATIONS

The device accommodates storage for up to 500,000+* identity records, making the device ideal for high volume remote applications.

SMALLEST MULTIBIOMETRIC DEVICE WITH INTUITIVE USER INTERFACE SIMPLIFIES AND SPEEDS YOUR MISSION

The 7”x3”x5” unit represents the smallest form factor available and includes auto-focus to eliminate the need for physical contact with the subject when capturing iris and face images to achieve optimal focal distance.

Constant screen visibility for the operator minimizes retakes and speeds time for capture. Point-and-click capabilities simplify the entire process with fewer and more intuitive steps.

TOP-RATED IRIS AND FACE ALGORITHMS ENSURE FAST AND ACCURATE MATCHING

According to a recent independent IREX NIST test, the L-1 algorithm received top ratings when combining accuracy, speed and template size. The L-1 algorithm had the lowest false rejection rates from the most demanding tests and the fastest matching and best accuracy with an extremely small template size.

In the most recent NIST testing results for face, L-1 ranked highest in the combination of scalability and accuracy, making it ideally suited for large database applications.



*Over 500,000 records is modality dependent.



The HIIDE™ 5 is part of a family of hardware and software systems that enable data sharing and identity dominance operations performed across various levels of the enterprise.

Communications Options

- 3G/4G
- Wi-Fi
- Trojan Swarm, EPLRS, AN/PRC-117G, BGAN, INMARSAT, MUOS, Tactinet
- Remote search
- Remote update
- Remote configuration

Compatibility

- HIIDE™
- PIER™, PIER-T™
- BIMS™
- BAT
- NG-ABIS (BECC)
- EBTS 1.1, 1.2
- BDF
- EFT

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HIIDE™ 5 Specifications*

CPU	Intel® Atom™ Processor (1.6 GHz, 512KB cache, 533 MHz FSB)
CPU Support Chipset	Intel® System Controller Hub
OS	Microsoft® Windows® XP
Memory	2 GB DDR2 SDRAM
Storage and type	80 GB SSD Standard, 120 GB SSD Optional
Display Method	5" WVGA type(TFT-LCD)(800 X 480 dots) with Touch screen – Sunlight Readable
Biometrics Collection Module (BCM) Processor	BCM3 OMAP 3 <ul style="list-style-type: none"> • Left Iris Camera & Right Iris Camera: <ul style="list-style-type: none"> 640 x 480 (VGA) final image size - monochrome Focal distance – 7" to 10" Capture Rate - 30 fps • Fingerprint Sensor: <ul style="list-style-type: none"> FBI certified Optical 500dpi 500 x 400 final image size – monochrome Capture Rate - 14 fps • Camera: <ul style="list-style-type: none"> 2 megapixel color camera Focal distance - 2' to 4' (typically 3') Capture Rate - 15 fps Other usage applications - pocket litter, documents, SMT, etc.
Wired LAN	10/100/1000 BaseT x 1
Wireless LAN	Wi-Fi
Cellular	3G/4G Quad Band
GPS	20 Channel GPS
Sound	Internal Speaker
IO Interface	USB port - USB 2.0 x2
Card reader	Smart Card Reader
Operating Voltage Range	6V to 24VDC
AC Adapter	Universal Input: 100 V to 240 V AC, 50 Hz/60 Hz Output: 12V DC @ 5A
Battery Pack	Li-ion 7.2 V, 2.4 Ah x 2 (Smart batteries)
Operating Time	Up to 8 hours based on usage
Charging Time	Approximately 3 hours
Operating Temp	0-50 degrees Celsius
Physical Dimensions (W x D x H)	Approximately 8 inches (203 mm) x 3 inches (76 mm) x 5 inches (127 mm)
Weight	Approximately 3.25 lb (1.5 kg)
Options	Smart card reader, external battery
Certifications	FIPS-210-1, MIL-STD-810F, and IP-54; RoHS compliant; Designed for CE/FCC compliance

*Specifications are subject to change without prior notice.
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