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Datastrip Adds Camera to DSVII Mobile Biometric ID Readers; New Option Aids Remote User Enrollment, Law Enforcement & More

Integrated 3M Pixel Camera Expands Functionality of Wireless Device

SAN DIEGO (ASIS, Booth 4257, September 25, 2006) — Datastrip today announced the addition of an optional built-in 3M pixel digital still camera to its DSVII family of mobile biometric identification terminals, equipping users with broad new capabilities such as user enrollment at remote sites, photo-based identity matching of criminal suspects, and photo evidence gathering at crime scenes. These abilities add to the mobile identity verification powers of the DSVII terminals, which include decoding of digital identity documents at any location without a fixed checkpoint as well as on-the-spot matching of live fingerprints to biometric templates.

The camera is seamlessly integrated into the back of the DSVII and sits flush against the housing, with tips that protrude slightly from the case to protect the lens against damage when the unit is put down. It features 24-bit color, flash illumination and preview capabilities, and adds just six-tenths of a pound to the reader's 2.1-pound base weight. Captured images can be stored and processed on the Datastrip terminal or wirelessly transmitted to backend servers for immediate processing for applications such as facial recognition.

Potential uses include:

- **Law enforcement**, for taking photos of crime scenes, perpetrators, and body marks such as scars and tattoos for use as evidence or off-line analysis; identifying suspects via real-time facial recognition by comparing the live image to an image stored on the DSVII or a back-end Automated Fingerprint Identification Systems (AFIS) database accessed wirelessly; and more.
- **Field enrollment for biometric ID production**, allowing images to be captured at remote sites and then transmitted to a card generation site for printing. The DSVII can also be used to capture fingerprints and biographical information, enabling all enrollment data to be gathered remotely with a single device for efficient handling.
- **Data collection for voter registration and other scenarios**, using the same strategy described for capturing biometric ID information in the field.

“This new camera option adds important versatility to our DSVII product family while also eliminating the need for law enforcement or security personnel in mobile environments to carry multiple devices,” said Brian Feick of Datastrip. “Multiple operations can be performed from the DSVII and all data can be transmitted in one step, saving time and simplifying identity verification as well as ID card production.”

Datastrip’s DSVII products perform fast, accurate identity verification in mobile scenarios with and without digital identity documents. Each terminal combines a contact/contactless smart card reader for reading ID cards, a 500 dpi fingerprint sensor for instant matching to a biometric template, and a large color digital touch screen display for displaying data decoded from ID cards or retrieved from back-end databases. The TFT transflexive screen is readable in direct sunlight or low-light conditions.

The DSVII can connect to a wired or wireless network for verifying a cardholder’s credentials against a back-end database; house an on-board database for standalone operation without network connectivity; store data for later transfer to a primary database; and support all major fingerprint algorithms including Cogent, NEC, Motorola’s Printrak, Identix and Bioscrypt.

The DSVII runs on the Windows CE.NET operating system for easy development of custom applications. It contains a powerful floating point RISC processor enabling fast biometric matching and image processing. Wireless communications capabilities include 802.11 and Bluetooth, as well as GSM/GPRS, CDMA and most digital cellular networks.

About Datastrip

Datastrip is a leading provider of biometric verification devices and 2D bar code software with associated hardware. Datastrip and its integration partners provide total solutions for production of ID cards, passports, national ID cards, driver’s licenses, voter registration cards, health cards, financial cards, birth certificates and other identity documents, as well as mobile AFIS and biometric verification systems. For more information, call 800-548-2517 or visit www.datastrip.com.