



## IBIS Mobile Identification System

Over Tens of Thousands of Field Searches

### Proven Deployments

“During the last six months, our officers identified over 800 subjects using mobile identification technology. One hundred and twelve (112) of those subjects were arrested for giving false information to a police officer or for outstanding warrants. A recent arrest involved a reputed hardcore gang member that had approximately \$2.6 million dollars in outstanding warrants and was considered ‘armed and dangerous’. This subject actually bragged about giving false information to law enforcement officers in other jurisdictions. Without mobile identification technology, this subject would still be walking the streets endangering our community.”

**Lieut. Jeffrey A. Rose**  
San Bernardino County  
Sheriff’s Department  
CAL-ID Division

The Integrated Biometric Identification System (IBIS) has a long history of success, beginning with our patent combining fingerprints and photos with wireless connections<sup>1</sup>. Since then, hundreds of mobile units have been deployed with demonstrated time and cost savings through cite outs and remote bookings, increased arrests, and solved crimes. We continue to develop award-winning products by incorporating technologically advanced designs to better serve our customers.

Our newest IBIS solution employs a modular handheld device that links via Bluetooth to any pre-configured, supported PDA, taking advantage of today’s latest smart-phone technology. A card reader module to scan documentation, such as a driver’s license, and the workflow manager can interface with various databases simultaneously, including our AFIS system. This flexibility, combined with the forensic quality fingerprint reader, the camera on the PDA, and autocapture capability, ensure more accurate IDs and significant time and cost savings for officers in the field.

<sup>1</sup>Patent 5,222,152

### MORE ACCURATE ID’s

- Captures photographs and forensic quality fingerprint images for AFIS searches in industry standard NIST EFTS format
- Interoperates with a variety of databases (AFIS, WIN, MAFIN, IDENT, NCIC, warrant files, gang files, mug shot systems, etc.)
- Does not rely on name and DOB searches or any verbal information provided by the subject

### SIGNIFICANT TIME/ COST SAVINGS

- Delivers real-time ID information for on-the-spot decision making
- Helps prevent false arrests or releases
- Avoids logistical and spatial challenges of integrating expensive and bulky cradles in police cruisers

### FLEXIBILITY TO MEET YOUR SPECIFIC NEEDS

- Utilizes the latest wireless communications (EVDO and EDGE)
- Works with any PDA using Windows® Mobile 2005
- Leverages your existing cellular service to avoid redundant fees

## IBIS Mobile Identification Process



### Award-Winning Technology

**2007**  
CTIA Emerging Technology Award

**2004**  
Government Computing News Award

**2003**  
Qualcomm CDMA-List Award

**2003**  
Minnesota Tekne Award

## IBIS Mobile Identification System Specifications

<b>Fingerprint Sensor</b>	
Platen Dimensions	1.3" Vertical x .9" Horizontal
Image Dimensions	1.0" Vertical x .8" Horizontal (500x400 Pixels)
Geometric Distortion	1.5% or less
Illumination Uniformity	3db or less at the edges and corners; Non-uniformity piecewise monotonic throughout
Resolution	500dpi +/- 2%
Grayscale Quantization	8 bits per pixel
<b>Magnetic Strip Card Reader</b>	
Tracks	3 Track
Format	ANSI/ISO/CDL/AAMVA standards
<b>2-D Bar Code Reader</b>	
Format	PDF 417 and 2-D matrix bar codes
<b>Operating Conditions</b>	
Temperature, Operating	32 to 104 F (0 to 40 C)
Temperature, Non-Operating	4 to 120 F (-20 to 50 C)
Operating Humidity	10% - 90%
<b>Mechanical Dimensions</b>	
	9.7" L x 2.6" W x 2.5" D (hood extends above body by 0.75")
<b>Mechanical Weight</b>	
	0.99 lb (15.8 oz)
<b>Power</b>	
External Connectors	12 VDC power for charging batteries
Battery	NiMH rechargeable 1.2 VDC, 4 each All battery life shown is for NiMH rechargeable (May also use standard 1.2 VDC AA Cell, non-rechargeable)
Operating Life	Over 500 two-finger bookings per full battery charge
Life (Standby)	Up to seven (7) days
<b>PDA Requirements</b>	
	Windows Mobile 2005 32 Mbytes RAM 64 Mbytes Flash
<b>Supported Cellular Technologies</b>	
	EVDO/CDMA 1XRTT (Sprint/Verizon) EDGE/GPRS (Cingular)
<b>Other</b>	
	RoHS Compliant

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