Law enforcement legislation and sex offender registration policies require the capture of all types of images with a live scan device, including tenprints, palms, rolls, and writers’ edges. The TouchPrint™ 5300 live scan appliance and TouchPrint™ 5600 cabinet booking station are capable of all types of high quality images using an innovative, single platen. The detailed print images are scanned at either 500 ppi or 1000 ppi using advanced imaging power and anti-smearing and anti-smudging technologies, with our printing solutions exceeding FBI standard requirements.

SUPERIOR PRINT CAPTURE AND IMAGE QUALITY

Image quality is critical for live scan systems. Poor quality prints cannot be used to correctly identify or verify a subject on the first AFIS submission, resulting in higher rejection rates and lengthy processing times.

Our patented optics ignore moisture, dirt and latent prints left behind on the platen, making it easier to capture high quality images – consistently – regardless of the challenges faced, such as dry or sweaty fingers or an unclean platen. “Best in class” in image capture quality, rather than “good enough” is the choice to make in deciding which live scan to use in accurately identifying people.

The TouchPrint™ 5300 and TouchPrint™ 5600 are provided with the image clarity needed to prevent artifacts and capture important friction ridge detail. Both models boast high dynamic range sensor results in maximum contrast and gray scales, bringing out the minutiae and pore detail in the fingerprint and hand print images with virtually no distortion, which makes the image ideal for latent print comparison.

ADVANCED CABINET DESIGN

A sealed unit permits for deployment in demanding environmental conditions that may be dusty, wet, hot or humid, while an ergonomic structure with small foot print design, allows for ease of use in space-constrained environments. The adjustable, 17” LCD flat panel monitor allows for optimal, high-resolution fingerprint imaging. In addition, optional accessory trays are available for extra workspace. This scanner is available in a small desktop unit, a transportable unit or a full cabinet booking station.
TouchPrint™ 5300 / 5600 Technical Specifications*

<table>
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<tr>
<th>Model Numbers</th>
<th>TouchPrint™ 5300 / TouchPrint™ 5600</th>
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| Scanning and image capture resolution | Scan Resolution: 1062 ppi (v) x 1638 ppi (h)  
Scanning Depth: 8 bits/pixel (256 gray levels)  
Capture Resolution: 1000 ppi (v) x 1000 ppi (h)  
Capture Depth: 8 bits/pixel |
| Active Image Dimensions | Multi-Finger Plain: 3.2 (h) x 2.0 (v) inches  
Palm: 5.0 (h) x 5.1 (v) inches  
10 Print Rolled: 1.6 (h) x 1.5 (v) inches  
10 Slap: 3.2 (h) x 3.0 (v) inches |
| Image Quality | Geometric Distortion: Exceeds FBI IQS specification without calibration  
Linearity, Signal to Noise, CTF, Scanned gray levels: Meets or exceeds FBI IQS specifications |
| Illumination | White LED light panel for low operator eye fatigue and no color memory |
| Scanner Data Interface | USB 2.0 |
| Size (appliance) | 15 in (38 cm) (l) x 8.5 in (21.5 cm) (w) x 9 in (23cm) (h)  
Width: 24 in (60.96cm); Height: 65 in (165.1cm); Depth: 28 in (71.12cm) |
| Weight (appliance) | Approximately 20 lbs (9 kg) |
| Power Requirements | 110-120/220-240 VAC, 50/60Hz; less than 15 watts  
Includes separate DC power module |
| Operating Environment (nominal) | Ambient temperature: 40°-104° F (5°-40° C)  
Relative humidity: 20-90% non-condensing  
Altitude: 0-7500 ft (2460 m) AMSL |
| Logical Scanner/Host Interface |  
• Software Development Kit (SDK) includes application program interface and device drivers for Windows XP and Vista operating system  
• Available for licensed developers |

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* Specifications subject to change without notice.  
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