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Smiths Heimann Biometrics

L SCAN 100 Compact Quick ID Scanner



- **Capturing of live single flat fingerprints**
- **High scanning resolution 500 ppi, compliant with international AFIS standards**
- **Standard USB 2.0 interface for easiest connectivity and system integration**
- **Windows 2000 & XP software**
- **Rugged design, coating-free capture platen and optional Quick Snap'n Work™ holder**

There are applications in the biometrics identification field where complementary to the common complete „10-print-forms“ (all 10 rolled and 4 flat control prints) the use of single flat fingerprints is required.

Visa application checking (consulates), border control (immigration), inmate handling (prison) and background checks (job applicants) are examples for quick identity checks.

The new L SCAN® 100 scanner is the robust and cost efficient solution for that task. Operation is very easy and intuitive, just place the finger on the capture platen and with a click of a button the finger is scanned. Its salient features include the live image display during the capture process, compact form, modern standard USB 2.0 PC interface, no moving parts, and solid reliability in daily use.

With its stylish outer appearance this device fits nicely into the application environment of offices and counters. Its plastic housing is stylish yet robust and lightweight. In addition it can instantly be fixed on a desk with the optional Quick Snap'n Work™ holder.

500
ppi

robust

USB 2.0

Solutions for a **safer world**



L SCAN 100 scanner

Product data

Locations

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L SCAN 100 with optional Quick Snap'n Work holder. One, two and click - ready.

Main features

Product components:
 Computer requirements:

Scanner block with USB interface cable, driver software
 Minimum: Pentium-class PC with Microsoft Windows 2000 SP4 or XP SP2
 operating system (min. P4/2 GHz CPU, 256 MB, USB 2.0)

Scanner functions

Scanned finger types:
 Fingerprint capture format:
 Scanner control elements:
 Scanner power consumption:
 Scanner power converter:

Single flat finger
 1.24" x 1.24" (31,5 x 31,5 mm)
 None at the device, control and image display is done via the PC
 DC 5 Volts / 500 mA max. = 2.5 VA max.
 No internal or external converter module required, scanner is powered via the
 USB 2.0 interface - therefore, the PC or a USB 2.0 hub with built-in power output
 provides the supply current to the scanner device
 USB 2.0 interface with USB connector type B
 Standard USB 2.0 compliant cable, max. length 6.2 feet (1.9 m)
 With „live“ display on PC via the capture function of the driver software
 500 pixels-per-inch (ppi) = 19.7 points-per-millimeter
 8 bit, max. 256 gray scales
 Designed to meet the resolution requirements of the Image Quality Specification
 (IQS) of the FBI's Electronic Fingerprint Transmission Specification (EFTS)
 600 x 600 pixels (H x V)

Scanner interface:

Scanner interface cable:
 Fingerprint capturing:
 Scanner resolution:
 Scanner dynamic range:
 Scanner image quality:

Standard USB 2.0 compliant cable, max. length 6.2 feet (1.9 m)
 With „live“ display on PC via the capture function of the driver software
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Scanner output image size:

Scanner dimensions

Scanner size:
 Scanner weight:

3.2" x 3.3" x 6.5" (81 x 86 x 165 mm) (H x W x D)
 1.3 lbs. (520 g)

Operation and environmental conditions

Operating environment:
 Interface cable protection:
 Scanner mounting on desk:
 Operating conditions:

Indoor (Building, Container, Car), on table-top or kiosk integrated
 Cable is clamped at the scanner side and protected against access
 Via optional desk mount kit with Quick Snap'n Work mechanic
 +50...+103°F (+10...+40°C), 10...80% relative humidity, non condensing, no direct
 sunlight exposure

Maintenance:

Daily maintenance - keep scanner clean (especially capture platen),
 Preventative maintenance - annual function check (via the application software, no
 other tools required), consumables: glass cleaner

Standards

Target reliability:

MTBF 40,000 hrs., MCBF 100,000 capturings, MTTR 2 weeks (under normal
 operating conditions)

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 respective owners and are protected by US and international copyright and trademark laws.

Our company
 is certified to



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