

Cogent CLS1 Lite-X

LiveScan System



The **Cogent CLS1 Lite-X LiveScan System** features a scanner housed in a slim, lightweight, yet sturdy casing. The device features capability for high-quality rolled and flat capturing in a fast, reliable, easy-to-learn, and inkless way. You can set up a LiveScan workstation in minutes. The only cabling required is a FireWire connection between the scanner and a desktop computer.

The CLS1 Lite-X features: quality checking, real-time operator feedback, configurable textual entry and capture sequencing, and conformance with ANSI/NIST and FBI standards. Image quality is so high that even the smallest ridge details are clearly visible. Real-time preview is provided, which helps the operator to place, guide, and align the fingers correctly, and provides immediate feedback, including error messages if prints are not captured at an acceptable quality level.

Scanner

Configuration

DESIGN	Slim and lightweight design allows the operator to bring the scanner, together with a desktop computer, to any location.
SUPPLY VOLTAGES	AC 100V-240V, 50-60 Hz
POWER CONSUMPTION	Max 130 VA (operation) / 70 VA (standby)
COMPLIANCE	Certified to the US FBI (compliance with the Image Quality Specifications of the EFTS Standard, Appendix F)
WEIGHT	22 lbs. (9.9 kg) excluding all cables
OVERALL DIMENSIONS	Portable scanner
• Width	12 inches (30 cm)
• Height	6 inches (15 cm)
• Depth	17 inches (42 cm)

LiveScan System

Features

General

- Fast, convenient, and reliable capture of true forensic quality flat and rolled fingerprints
- Quality assurance checking
- Sequence checking (rolled prints compared to flats)
- Real-time image preview on screen
- Real-time preview while capturing rolled prints
- Ability to interface with Automated Fingerprint Identification Systems (AFIS)
- Fully compliant with ANSI/NIST and international standards
- Certified to FBI IQS requirements
- Object-oriented, modular software design
- Intuitive and easy-to-use operation using function keys
- Fingerprint capturing at 500 dpi
- Ruggedized heavy casing for scanner protection
- Database and network connections
- Ability to print tenprint cards (optional equipment required)
- No moving parts

Standard Software

- Windows 2000 or XP operating system
- Cogent CLS1 software for fingerprint capture (FBI certified)
- Cogent WSQ compression module (FBI certified)
- Cogent SMTP NIST interface module
- pcAnywhere

Optional Software

- Cogent CMS Mugshot capture module
- CLS1 Signature capture module
- Interface to local booking systems

Computer Hardware

- Pentium IV computer (2 GHz)
- 40 GB IDE hard disk
- 256MB RAM
- 10/100MB network card
- 17" IBM TFT PC monitor with 1280 x 1024 resolution
- Uninterruptible Power Supply (UPS)
- Keyboard and mouse
- Modem for remote support

LiveScan Hardware

LS1 LITE-X Fingerprint Scanner with non-movable, non-replaceable platen that does not require silicone coating.

Optional Hardware

- Sony Mugshot Camera
- FBI certified duplex printer

Further Information

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