

LiveScan

CLS1 LiveScan Booking Station

The Cogent CLS1 LiveScan booking station is housed in a ruggedized yet modern-looking cabinet to withstand extreme working conditions, such as those found in jails and prisons. It captures all rolled fingers, flats, and palm prints during the booking of a subject in a fast, reliable, easy-to-learn, and inkless way.

Equipped with the most advanced technology for image capture and image processing, the Cogent LiveScan design provides seamless integration with larger booking management systems. Its convenient design includes foot pedals for hands-free operation, and associated function keys. Textual and graphic information is displayed on a single monitor, with an easy-to-use graphic user interface, on-screen buttons, and zoom features. There is real-time preview, which helps the operator to place, guide, and align the fingers/palms correctly, and which provides immediate feedback that includes error messages if prints are not captured at an acceptable level of quality.

Scanning resolution meets the ANSI/NIST and FBI standards, and the scanner is certified to meet and exceed the requirements of the FBI IQS. All data formatting is done with certified algorithms for WSQ compression. The superior quality of captured rolled fingerprint images provides the foundation for high-quality fingerprint examiner work.



Key Features:

- ▶ True forensic quality image capture for flat, rolled, and palm print impressions
- ▶ Integrated workflow for both fingerprint and palm print capture
- ▶ Automated, real-time quality checking for image quality and sequence checks by comparing rolled and flat impressions
- ▶ Automatic queuing of finished data files, with event logging and recovery mechanisms
- ▶ Real-time image preview on screen for improved quality control
- ▶ Preformatted data fields based on predefined lists, for ease of demographic data entry
- ▶ Data checking and real-time operator feedback for ensuring correct data entry
- ▶ Fully compliant with ANSI/NIST and international standards, allowing electronic interfaces with other law enforcement systems
- ▶ Fully compliant and certified to meet the FBI's IQS (Image Quality Standard) requirements
- ▶ Object-oriented, modular software design provides for customized integration to meet an agency's mission requirements now and in the future
- ▶ Intuitive and easy-to-use user interface, including programmable function keys
- ▶ Database and network connections for ease of integration
- ▶ Full-size, ruggedized cabinet for device protection
- ▶ Remote diagnostics and maintenance available
- ▶ Optional signature capture
- ▶ Optional mugshot capture

CLS1 LiveScan

Technical Specifications

Standard Hardware:

- Cogent LiveScan system (Fingerprint and Palm Print at 500 dpi or 1000 dpi)
- Finger and palm scanner
- Pentium IV 3.2 GHz PC or equivalent (Energy Star compliant)
- 40 GB IDE hard disk
- 512 MB RAM
- CD-ROM or DVD-ROM Drive
- 10/100MB network card
- 17" 1280 x 1024 resolution color monitor or equivalent (energy star compliant)
- Uninterruptible power supply (UPS)
- Keyboard with trackball
- Modem for remote support

Recommended Printers:

- FBI-certified duplex laser printer

Standard Software:

- Cogent FBI-certified finger & palm capture and processing software
- Livescan standard module (capture 14 NIST fingerprint images)
- FBI-certified Cogent WSQ compression module
- SMTP NIST Interface module
- Cogent Sequence Check module
- Windows® XP Professional OS

Optional Components:

- Cogent CMS Mugshot system
- CLS1 Signature Capture module
- Interface to local booking systems
- Height - adjustable cabinet
- Touchscreen monitor



Certificates:

- Cooling system control unit and fans are CE- (Europe) and UL-(US, Canada) compliant
- Certified for the FBI Standard CJIS-RS-0010 (V7) IAFIS Image Quality Specifications for Scanners

Weight:

- 242 lbs (110 Kg) assembled with all components

Overall Dimensions:

- (W) 31.5 in x (H) 66 in x (D) 27.2 in
- (W) 80 cm x (H) 168 cm x (D) 69 cm

COGENT  SYSTEMS

Beyond Comparison