



CROSS MATCH®

LS2™ CHECK

First Live Scan device that was certified by the FBI for identification "flats" for background checks

CROSS MATCH
Technologies

The Cross Match® LS2 CHECK is especially designed for the growing needs in the background check and personal identity check application area, for visa applicant screening and personal identification at border control points. Successfully evaluated in a large national pilot project, it achieved superior results and is the first scanner of this new kind that has passed the certification to comply with the FBI requirements for Identification Flats. All 10 fingerprints are scanned in three easysteps. Just put the 4 fingers of the right hand, then both thumbs and finally

the 4 fingers of the left hand on the capture platen, and within less than 15 seconds all prints are taken. Its slim and lightweight design is perfect when portability matters. With the large capture platen, all 4 fingers are scanned in full vertical position. Combined with the excellent image quality and high resolution, best search results and accuracy are guaranteed. The true live-display of all fingerprints on the computer screen, the ergonomic hand symbols and the LEDs on the scanner guide users to ensure very quick and intuitive operation.

CROSS MATCH® LS2 CHECK

LS2 CHECK Benefits

- Very easy and intuitive to use, even for untrained persons and in unattended/ self-service use
- Takes simultaneously 4 flat fingers of both hands and 2 flat thumbs in three quick & easy steps
- Certified to comply with the latest FBI specification for ID-Flats - takes flats in full vertical position
- No moving parts, solid, stable, compact and lightweight

General Specifications

Product components: Scanner device LS2™ CHECK model 2006 (V2, compatible with previous model), IEEE 1394 (FireWire) interface cable (6-to-4 pin for notebook, or 6-to-6 pin for PC), scanner power supply unit with power cord (country specific plug versions), software (operating system Microsoft Windows 2000 Prof. or XP Professional and drivers)

System accessories: Transport travel case (optional)

Power supply: AC 100V-240V autosensing, 50/60 Hz, or DC 15V 3.7A

Scanner PC interface: IEEE 1394 (FireWire) OHCI interface between scanner and notebook or PC

System options: Notebook with preloaded software

Scanner Functions

Scanned fingers: Flat single fingers, flat-4-fingers, flat-2-thumbs

Capture format: Any format up to max. 3.2" x 2.9" (80.5 x 75.2 mm) can be scanned

Scanner output image: 1584 x 1480 pixel

4-flat-fingers: Format can be configured by software settings, e.g. to 3.2" x 2.0" (FBI) or 70 x 65 mm (Interpol) - user defines whether fingers have to be placed diagonally to fit into the "box" or whether they can be captured vertically

2-flat-thumbs: Format can be configured by software settings, e.g. to 0.8" x 1.9" (FBI) or 30 x 55 mm (Interpol) - user defines whether thumbs have to be placed simultaneously (single scan with subsequent segmentation into two images) or sequentially (two scans, one for each thumb)

Single flat finger: Format can be configured by software settings, e.g. to 1.6" x 1.5" (FBI) or 40 x 40 mm (Interpol)

Image quality specification: According to the requirements of the FBI's Electronic Fingerprint Transmission Specification version 7, Appendix F

Control elements: Button on the scanner for capturing the prints, LEDs for instructing the operator, hand symbols

Scanner Dimensions and Environmental Conditions

Scanner weight: 12.3 lbs (5.6 kg) excluding power supply and cables

Scanner size (HxWxD): 4.8" x 8.5" x 11.4" (122 x 215 x 290 mm)

Scanner workspace: Flat over the entire platen area, water protected and factory sealed, protection flap over the capture platen area

Operating conditions: Indoor use, +50...+95°F (+10...+35°C), max. 80% relative humidity, non condensing, no direct sunlight exposure

Fields of application

Examples: Capture of applicant fingerprints (Civil Background Check), capture of immigrant fingerprints (Border Control), capture of fingerprints from visa applicants (Embassy & Consulate), capture of fingerprints from asylum seekers & refugees

About Cross Match Technologies, Inc.

Since its founding in 1996, Cross Match Technologies, Inc. has been at the forefront of the development and deployment of cost-effective biometric security solutions for law enforcement, federal, aviation, commercial and international organizations. Headquartered in Palm Beach Gardens, Florida, and offering the broadest product lines in the industry, Cross Match is recognized for setting new standards in fingerprint and other biometric technologies through its more than 150 existing or pending patents and related intellectual properties. Additional information on Cross Match is available at www.crossmatch.com.



US Corporate Office:
3950 RCA Boulevard
Suite 5001
Palm Beach Gardens, FL 33410
Toll Free: 866-725-3926
Phone: 561-622-1650
Fax: 561-622-9938
sales@crossmatch.com
www.crossmatch.com

European Office:
Unstrutweg 4
07743 Jena
Germany
T: +49 (0)3641 4297-0
F: +49 (0)3641 4297-14