THALES

Thales Cogent Fingerprint Scanner CS500f

Identity & Biometric Solutions

Product Description

The Thales CS500f is the brand new compact Ten-print livescanner offering a superior fast acquisition speed and USB 3.0 technology.

It supports collection of all 10 fingerprints in 4-4-2 format (right four fingers, left four fingers,and two thumbs) while producing high quality fingerprint images with exceptional capture speed.

Designed with a small footprint, it can be used in a desktop setting or integrated into other systems like kiosks.

It is provided with a useful handle to improve the scanner handling in case of mobile installations.

FEATURES

- Flat and Rolled fingerprints acquisition
- FBI IAFIS Appendix F certified
- Superior acquisition speed (USB 3.0)
- Antifake detection
- Compact design and low weight
- Multiplatform (Windows, Linux, Android)

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SPECIFICATIONS

Platen scanning window	3.8" x 3.1" (96 mm x 79 mm)
Flat and Rolled fingers scanning area	3.2" x 3.0" (Flat) – 1.6" x 1.6" (Rolled)
Image Size	1600 x 1500 pixels (SLAP) - 800 x 800 pixels (Rolled)
Image Format	WSQ Compression (Up to 15:1) FBI certified for various
Image Resolution	500 dpi, 256 gray
Standard output format	Creation of ANSI/NIST-ITL-1-2011 type 1, 2 ,4 ,14, and 15
Certification	**FBI IAFIS IQS App. F**
Acquisition Speed	> 27 fps for slap (preview mode) – > 25 fps for rolled
Dimension (W x D x H) and Weight	151 mm x 148 mm x 102 mm – 1.5 kg
Interface	USB 3.0 (Data & Power supply)
Certifications	CE, FCC, RoHS, CB
User interface	Intuitive 4 LED interface
Operating and Storage Temperature	0°C to 50°C - -20°C to 60°C
Humidity	From 10 to 90% (Non-condensing)
IP Rating	IP54
Buzzer	On board programmable buzzer
Operating System	Windows, Linux, Android
Mounting	Ready to be installed on a counter top
Cable	Strain Relief cable wiring for a safe installation
Security	Kensington Lock
AntiSpoofing (FFD/LFD)	Patented GB_FFD software - **Option**
Additional Software	DactyMatch SW – **Option**

SDK FEATURES

- Elimination of Latent Prints and Halo elimination
- Image quality Checking
- Automatic sequence checking
- Correct position and slap completeness check
- Automatic segmentation
- Slide detection for flat prints

APPLICATIONS

- LAW ENFORCEMENT (Police stations, prisons, Criminal Identification)
- BORDER CONTROL (Airports, Ports)
- CIVIL ID (ePassports, National ID, Visa)
- CORPORATE (Banking, Financial)

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