

TECHNICAL DATA SHEET

Thales CS500f



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

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.



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)

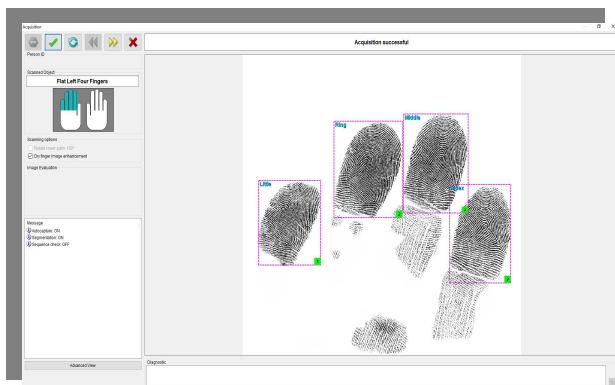
Thales CS500f

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 NAIS/NIST-ITL-1-2007 type 1,2,4 and 14
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
LED interface	YES
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

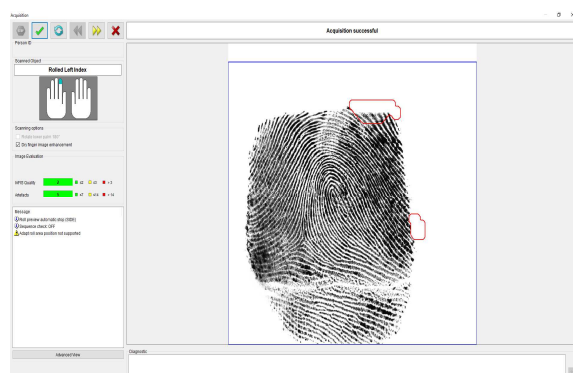
SDK FEATURES

- > 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)



All specifications subject to change without notice.