

# Thales Cogent Multifinger Scanner CS500f

## Identity & Biometric Solutions



## Product Description

The Cogent Multifinger Scanner 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)

