

Thales Cogent Single Finger Scanner DactylID20



The Cogent Single Finger Scanner DactylID20 is a compact single-finger livescan offering a superior built-in fake fingers detection system. This makes the Cogent Single Finger Scanner DactylID20 the best choice especially for unattended applications like kiosks, pc/network-login, time and attendance and many others.

Resolution 500 DPI

Small footprint and low power consumption guarantee for matchless mobility and portability.

FBI/PIV Certified

FBI/PIV certified guarantees image conformance according to FBI and ISO standards.

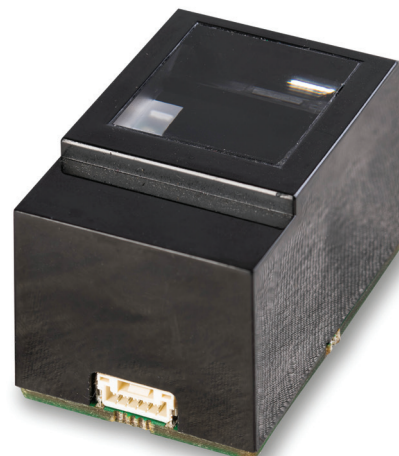
HW Based Fake Finger Detection

Built-In HW-based Fake Finger Detection to significantly increase security for all unattended applications. Resist spoofing attacks with all known materials.

Multi OS Support and Oem Availability

Cogent Single Finger Scanner DactylID20 becomes the best choice whenever a standard compliant, compact, versatile and high quality Live-scanner is needed. Moreover the Cogent Single Finger Scanner DactylID20 supports, besides Windows, Android and Linux Operating System.

The opto-electronic component is available as OEM module (FSM20)



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Multiscan SDK Features

- Various API and sample codes for application development.
- AUTOMATIC FORMAT CLIPPING: generation of any required image size according to application requirements.
- AUTOMATIC ACQUISITION START AND STOP: sensing of finger placement and automatic acquisition of the image with the highest quality. Quality thresholds for images can be set through the Multiscan SDK.
- ELIMINATION OF LATENT PRINTS: elimination of latent prints originating from recent scans.
- IMAGE COMPRESSION: FBI certified WSQ compression JPEG and JPEG2000
- IMAGE QUALITY CHECKING: image quality assessment according to NISTIR7151 standard

Technical Specifications

ACTIVE SCANNING WINDOW	0,8" x 0,7" - 500 dpi Single flat finger
INTERFACE	USB 2.0
IMAGE QUALITY AND FORMATS	FBI/PIV certified ANSI/NIST-ITL 1-2007/2011 ISO/IEC FCD 19794 - 4 ANSI/NIST-ITL 1-2000 ANSI/NIST-ITL 1-2000 Interpol Implementation
FAKE FINGER DETECTION	HW and SW based to guarantee highest efficiency
TEMPERATURE	Storage: from -20°C to +60°C - Operating: from +0°C to +50°C
HUMIDITY	From 10 to 90% (non-condensing)
DIMENSIONS	50 x 68 x 43 mm (Cogent Single Finger Scanner DactylID20) 30 x 50 x 30 mm (FSM20)
WEIGHT	175 gr. (Cogent Single Finger Scanner DactylID20) 140 gr. (FSM20)
SUPPORTED OPERATING SYSTEMS	Microsoft Windows up to Win10 in 32-bit and 64-bit configuration Linux Ubuntu and Fedora distributions in 32-bit and 64-bit configuration Android
CERTIFICATIONS	CE, FCC, RoHS
OPTIONS	DactylMatch SW IP65 Protection Module for FSM20