

# Thales Cogent Single Finger Scanner DactyID20

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The Cogent Single Finger Scanner DactyID20 is a compact single-finger livescan offering a superior built-in fake fingers detection system. This makes the Cogent Single Finger Scanner DactyID20 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.

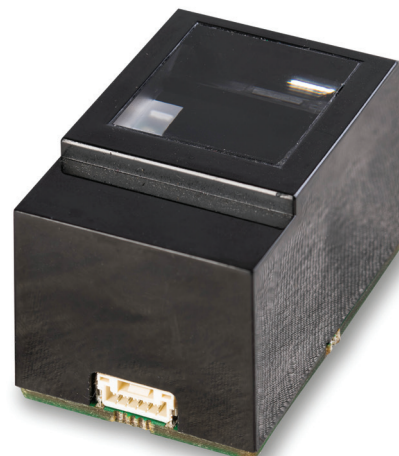
## HW Based Fake Finger Detection

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 DactyID20 becomes the best choice whenever a standard compliant, compact, versatile and high quality Live-scanner is needed. Moreover the Cogent Single Finger Scanner DactyID20 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

<b>ACTIVE SCANNING WINDOW</b>	0,8" x 0,7" - 500 dpi Single flat finger
<b>INTERFACE</b>	USB 2.0
<b>IMAGE QUALITY AND FORMATS</b>	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
<b>FAKE FINGER DETECTION</b>	HW and SW based to guarantee highest efficiency
<b>TEMPERATURE</b>	Storage: from -20°C to +60°C - Operating: from +0°C to +50°C
<b>HUMIDITY</b>	From 10 to 90% (non-condensing)
<b>DIMENSIONS</b>	50 x 68 x 43 mm (Cogent Single Finger Scanner DactylID20) 30 x 50 x 30 mm (FSM20)
<b>WEIGHT</b>	175 gr. (Cogent Single Finger Scanner DactylID20) 140 gr. (FSM20)
<b>SUPPORTED OPERATING SYSTEMS</b>	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
<b>CERTIFICATIONS</b>	CE, FCC, RoHS
<b>OPTIONS</b>	DactylMatch SW IP65 Protection Module for FSM20