



Green Bit DactyID20

Single Finger Scanner

The DactyID20 is a compact single-finger livescan offering a superior built-in fake fingers detection system. This makes the DactyID20 the best choice especially for unattended

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	DactyID20 becomes the best choice whenever a standard compliant, compact, versatile and high quality Live-scanner is needed. Moreover the DactyID20 supports, besides Windows, Android and Linux Operating System. The opto-electronic component is available as OEM module (FSM20)

Multiscan SDK Features

Various API and sample codes for application development.

ELIMINATION OF LATENT PRINTS:
elimination of latent prints originating from recent scans.

AUTOMATIC FORMAT CLIPPING:
generation of any required image size according to application requirements.

IMAGE COMPRESSION:
FBI certified WSQ compression
JPEG and JPEG2000

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.

IMAGE QUALITY CHECKING:
image quality assessment according to NISTIR7151 standard

Technical Specifications

Active Scanning Window	0,8" x 0,7"- Single flat finger
Image Resolution & Quality	FBI/PIV certified at 500 dpi, 8-bit
Interface	2.0 (Power and Data)
Quality and Formats	ANSI/NIST-ITL 1-2007/2011, ISO/IEC FCD 19794-4, ANSI/NIST-ITL 1-2000, ANSI/NIST-ITL 1-2000 Interpol Implementation
Supporting Operating Systems	Microsoft Windows up to Win 10 in 32-bit and 64-bit configuration, Linux Ubuntu and Fedora distributions in 32-bit and 64-bit configuration, Android
Fake Finger Detection	HW 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
Weight	175 gr.
Dimensions	50 x 68 x 43 mm
Certifications	CE, FCC, RoHS
IP Rating	IP54
Options	DactyMatch SW