



## Green Bit DactyID20\_SC Single Finger Scanner

DactyID20\_SC with smart card reader is a compact single-finger livescan FBI/PIV certified offering a superior built-in fake finger detection system.

This makes the DactyID20\_SC the best choice especially for unattended applications like kiosks, pc/network-login, time and attendance and many others.

RESOLUTION 500 DPI	DactyID20_SC integrates a contact smartcard reader in a 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.
	DactyID20_SC becomes the best choice whenever a standard compliant, compact, versatile and high quality Live-scanner is needed. Moreover the DactyID20_SC supports, besides Windows, Android and Linux Operating System.

## 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	Dimensions: 300 x 300 x 183 mm (H)
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
Standards	ISO 7816 & EMV 2000 level 1
Protocols	T=0, T=1, 2-wire: SLE 4432/42 (S=10), 3-wire: SLE4418/28(S=9), IC (S=8)
Smartcard Detection	Movement detection with auto power-off. Automatic detection of smart card type. Short circuit and thermal protection