Radium

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 APPLICATIONS LIKE KIOSKS, PC/NETWORK-LOGIN, TIME AND ATTENDANCE AND MANY OTHERS.

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

RESOLUTION 500 DPI

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

FBI/PIV CERTIFIED

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

HW BASED FAKE FINGER DETECTION

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.

MULTI OS SUPPORT AND OEM AVAILABILITY

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" - 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 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 (DactyID20) 30 x 50 x 30 mm (FSM20)
WEIGHT	175 gr. (DactyID20) 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
IP RATING	IP54
CERTIFICATIONS	CE, FCC, RoHS
OPTIONS	DactyMatch SW IP65 Protection Module for FSM20

support@radiumbox.com
www.radiumbox.com

1312, 89 Hemkunt Chambers,
Nehru Place, New Delhi -110 019

+91-84343 84343