

DERMALOG

Portable Biometric Registration Unit

Bringing biometric enrollment to the masses



Outstanding Features

- > Accurate data capture
- > Operates online and offline
- > Compact and durable design
- > Easy to use

Innovative On-the-Go Registration

With the Portable Biometric Registration Unit, DERMALOG provides its most compact solution for mobile biometric enrollment. Despite its small size, there is a lot of high-tech inside the case, including DERMALOG's proven fingerprint scanner technology.

Case Features

All components of the Portable Biometric Registration Unit are housed in a compact PP plastic case (420 x 330 x 175 mm). Several foam inserts provide additional protection against drops. Also, the case is dust-tight and waterproof (IP67) and has a secure latch system.



Shockproof



Waterproof



Dust-Tight



Secure Latch



Compact Size

DERMALOG ABIS: High-Performance Processing of Biometric Data

- > World's fastest Automated Biometric Identification System (ABIS) providing highest accuracy rates
- > Multimodal: Combines several characteristics such as fingerprints, facial geometry, and iris texture for matching
- > Customizable: Can be sized to handle data from any number of individuals
- > Proven in Use: Already in operation in numerous large-scale installations all over the world





Fingerprint Capture

DERMALOG's LF10 is the first tenprint and rolled fingerprint scanner providing liveness detection. With its large scanning area, the LF10 is the best choice for creating high-quality images.



Face Capture

The 15-megapixel camera of the Registration Unit provides high-quality images of the registrant's face. The camera's flexible base and the additional telescopic pole simplify the capture process.



Signature Capture

Using an optional touch pen, signatures can be captured with the DERMALOG LF10 fingerprint scanner. The registrant signs with the pen on the scanning window.



User Interface

The unit's tablet grants easy access to all the applications required for the registration process. The device has an 11.6-inch Full HD touchscreen and high-performance hardware inside to run even complex applications fast and stable.



Data Input

For data input, such as information about the registrant, the Portable Biometric Registration Unit has a handy Bluetooth keyboard with a touchpad. The foldable design of the keyboard makes it extremely space-saving.



Energy Supply

A power bank ensures that the Portable Biometric Registration Unit can operate for several hours. The lithium-ion battery has a capacity of 15,600 mAh and can charge up to three devices at the same time.

Specifications **Portable Biometric Registration Unit**

Case

Dimensions (H x W x D)	175 mm x 420 mm x 330 mm
Weight (including unit components)	approx. 7 kg
Material	polypropylene
IP code	67

Fingerprint Scanner

Fingerprint Scanning Window Size	86 mm x 84 mm
Optical Scanning Area	81 mm x 81 mm
Image Resolution	1600 x 1600 pixels, 500 dpi
Bit Depth	8 bit, 256 gray levels
Raw Fingerprint Image File Size WSQ Compressed	approx. 2.5 MB approx. 0.4 MB
Interface	USB 2.0 high-speed with 1.8 meters standard USB cable
Operating Temperature	0 °C to 50 °C at a humidity of 5 - 95 % non-condensing
Storage Temperature	0 °C to 50 °C at a humidity of 5 - 95 % non-condensing
Light Source	infrared-emitting diodes (LED)
Certificates	CE, BSI-TR-03104, FBI-EBTS/F

Camera

Resolution	15 MP
Power Supply and Interface	USB

Tablet

Operating System	Windows 10
Display	11.6 inches IPS Full HD (1080 x 1920 pixels)
Wireless Connectivity	802.11b/g/n, Bluetooth 4.0
Interfaces	USB 3.0, USB Type-C, microUSB, microHDMI, audio, microSD, DC-IN

Keyboard

Power Supply	USB
Wireless Connectivity	Bluetooth 3.0
Touchpad Dimensions	54.8 mm x 44.8 mm

Power Bank

Capacity	15,600 mAh
Output	USB (QC 2.0, 1A), NB
Input	microUSB, NB

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