

# DERMALOG

## Smart Registration Unit

Portable System for Biometric Enrollment.



## Outstanding Features

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

# Innovative On-the-Go Registration

With the Smart 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 Smart 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.



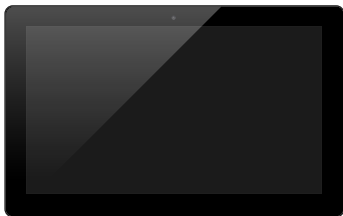
### Face Capture

The 15-megapixel camera of the Smart 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 Smart 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 Smart 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 Smart 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-EBTF/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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