

DERMALOG

Iris and Face at Distance (IFD)

Contactless iris and face identification in a single compact device



Key Benefit

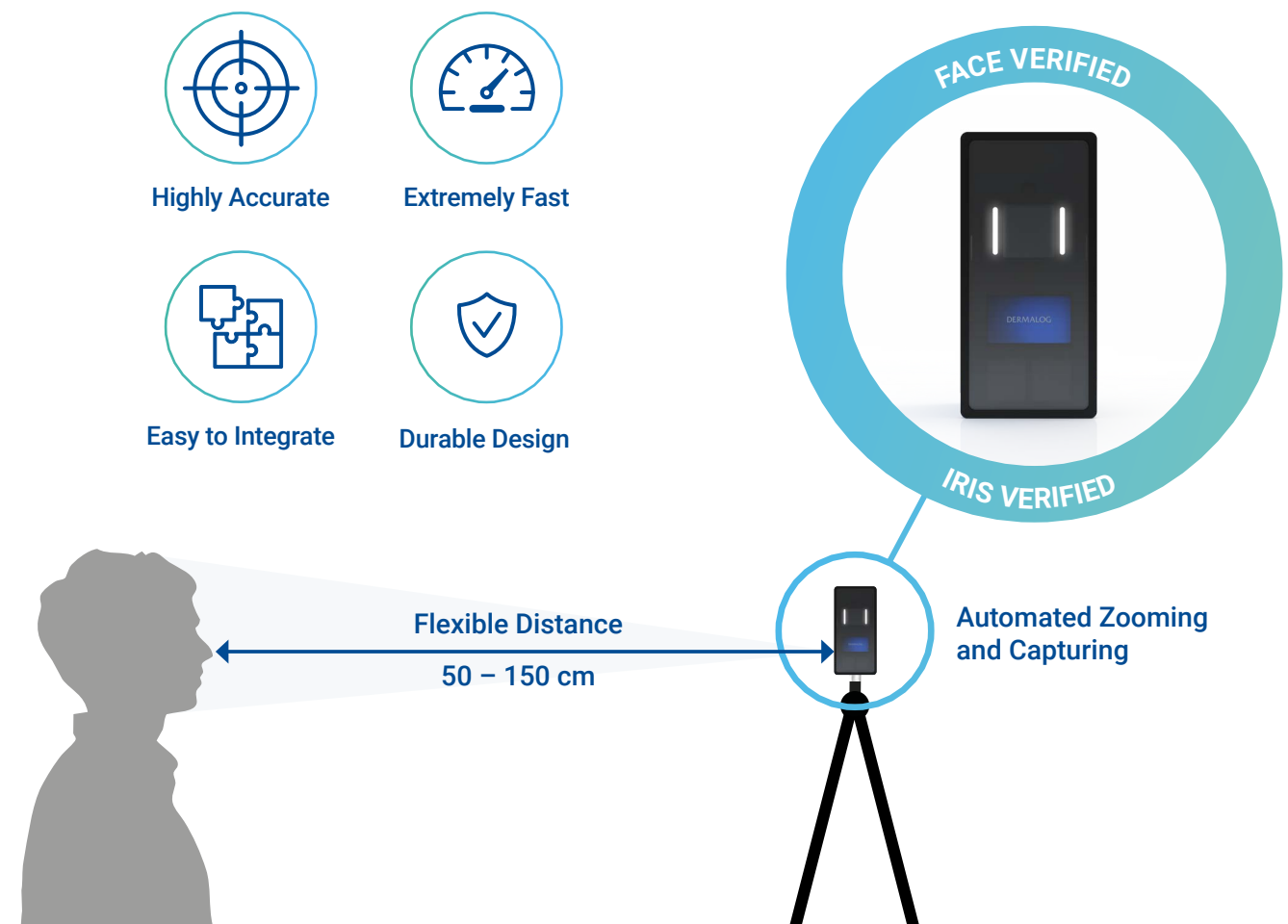
Iris and Face at Distance is a multi-biometric system for fast and contactless identification and verification.

DERMALOG IFD: Iris and Face Identification on a New Scale

DERMALOG simplifies iris capture and detection while combining it with high-performance facial recognition. With Iris and Face at Distance, the German innovation leader in biometrics provides a versatile system for automated and contactless identification and verification.

The Iris and Face at Distance (IFD) camera offers numerous advantages over current solutions on the market. Current systems capture and recognize the iris from a distance of less than 0.5 meters. Inflexible handling is another problem with current solutions, as subjects must assume a fixed position and remain there for several seconds. On the other hand, Iris and Face at Distance

enables iris capture and recognition from a distance of 0.5 to 1.5 meters within seconds. The solution provides a multi-biometric system that captures and recognizes multiple biometric features, including face and dual iris. This makes IFD more accurate than single-feature solutions and more effective at protecting against attempted fraud.



Contactless Iris and Face Detection within Seconds



Face Recognition

2 integrated 2 MP cameras capture the subject's face. The results are a high-resolution face images.



PAD for Face and Iris

High security is ensured by using the latest liveness detection technology for face (picture, smartphone/tablet, mask) and iris (contact lenses).



Iris Recognition

The 12 MP iris camera of the IFD provides extremely detailed dual-iris images.



Multi-Biometric Accuracy

The multimodal system ensures accurate biometric identification and verification.



User-Friendly Interface

The IFD's 4.3-inch screen guides the user step-by-step through the verification process.

*IFD appearance may vary due to product enhancements.

Specifications Iris and Face at Distance IFD Camera

Technical Features

Capture Distance	50 cm – 150 cm (17.7 " – 59.1 ")
Face Capture Time	< 1.5 s
Integrated Presentation Attack Detection (PAD)	Yes
Iris Camera Sensor	12 MP, 8 bit grey
Iris Camera Resolution	4000 px × 3000 px
Face Camera Sensors	2 × 2 MP, 24 bit RGB
Face Camera Resolution	1080 px × 1920 px
Illumination	12× NIR LEDs integrated attention LEDs
Illumination Wavelength	810 nm
User Guidance	4.3 " integrated TFT screen, 480 px × 272 px, RGB 2× 8 RGB LEDs beside iris camera
Dimensions (H x W x D)	320 mm × 150 mm × 80 mm (12.6 " × 5.9 " × 3.2 ")
Weight	Approx. 1 kg (2.2 lbs)
Power Supply	12 V, max. 5 A
Communication	USB 3.0, 1.8 m cable length
Operating Temperature	5 °C to 40 °C (41 °F to 104 °F) at 0 % to 90 % humidity, non-condensing
Ingress Protection	IP54

Head Office

DERMALOG Identification Systems GmbH
Mittelweg 120
20148 Hamburg
Germany

Berlin Office

DERMALOG Identification Systems GmbH
Kronenstraße 1
10117 Berlin
Germany

Jena Office

DERMALOG JENETRIC GmbH
Wiesenstraße 2
07749 Jena
Germany

Malaysia Office

DERMALOG AFIS Asia Sdn Bhd
8-4, 8th Floor, Bangunan Malaysia RE
No. 17, Lorong Dungun
Damansara Heights
50490 Kuala Lumpur
Malaysia

Philippines Branch Office

DERMALOG Identification Systems GmbH
Regus Gateway Tower
Level 5 - Gateway Tower,
Gen. Roxas Avenue cor. Gen. Aguinaldo Avenue
Araneta Center, Cubao, Quezon City 1109
Philippines

Singapore Office

DERMALOG Singapore Technical Services Pte. Ltd.
Southbank
883 North Bridge Road, #17-02
198785 Singapore

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