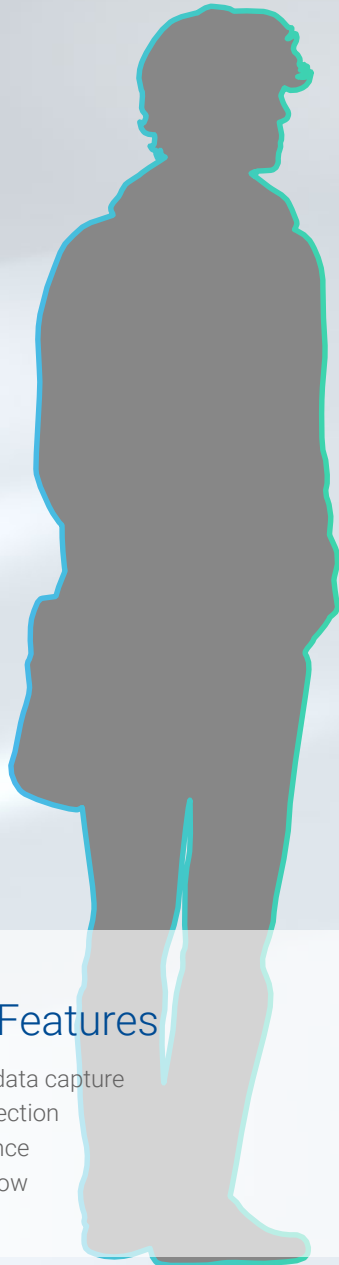


DERMALOG

Camera Tower **CT1 Lite**

For EES Entry-Exit Systems

For ICAO compliant face image capture



For EU/Schengen
Border Control

ICAO compliant
face images

EU-EES
compliant

Outstanding Features

- > Accurate biometric data capture
- > Maximum data protection
- > Enhanced convenience
- > Optimized traveler flow



Next-Level Border Management

Experience the advanced capabilities of DERMALOG's CT1 Lite

Camera Tower CT1 Lite is DERMALOG's latest solution for secure, fast and convenient facial image capture at border crossings. It processes travelers most conveniently and efficiently through a fully automated workflow, including an automatic high-speed camera system. CT1 Lite captures high-quality facial images, providing the basis for accurate and reliable biometric identity checks. DERMALOG's integrated liveness detection offers additional security. The Camera Tower captures and processes all data by ICAO and

EU-EES standards and can be easily connected to existing border control systems. This makes it ideal for immigration pre-screening and traveler enrollment, especially at border crossings in the European Schengen area. DERMALOG has developed CT1 Lite with experience from more than 15 border control installations worldwide. Choose CT1 Lite and benefit from our knowledge in improving border management for travelers and operators.

Outstanding Features of the CT1 Lite

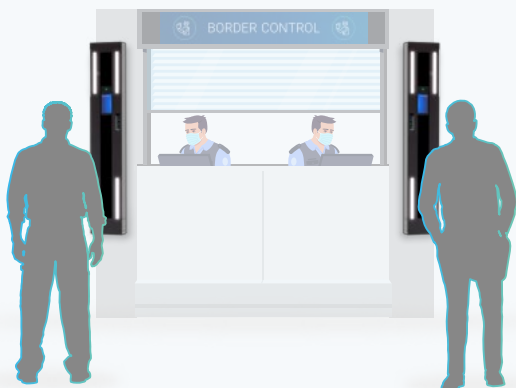
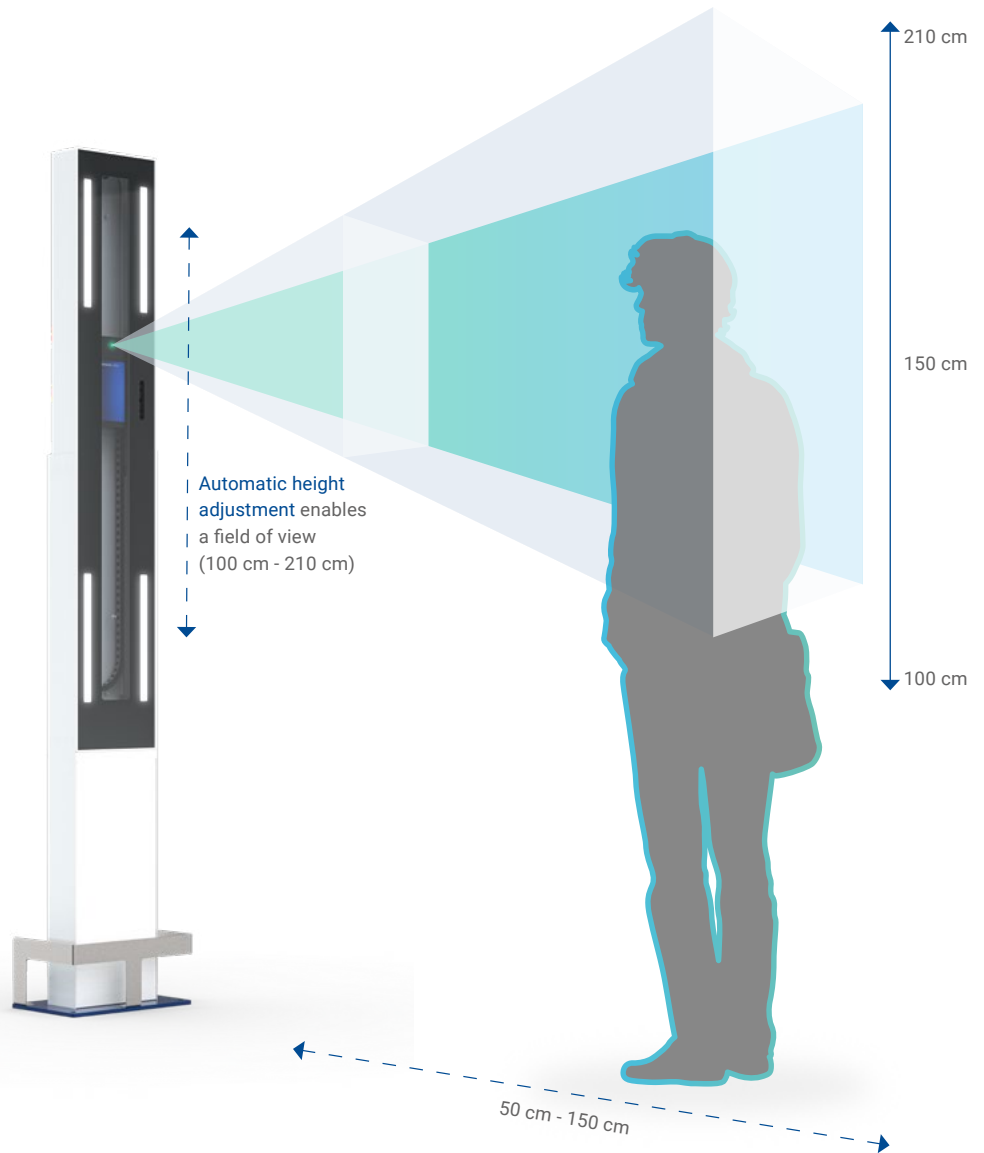
- > Best ICAO compliant face image quality
- > Easy and fast to use
- > Capturing distance from 50 cm - 150 cm
- > Capturing height from 100 cm - 210 cm
- > Automatic height adjustment to eye-level
- > Best automatic light adjustments
- > High-speed face auto tracking and autofocus
- > On-screen user instructions
- > Built-in face liveness detection (PAD)
- > Built-in body temperature detection (for optional use)

Fully Automated Face Capture

50 cm - 150 cm

Extra wide face capture distance

CT1 Lite
Base Plate Setup



Space-saving wall mounting

In addition to a base-plate setup, the CT1 Lite offers a wall-mounting option for seamless integration into existing infrastructure. With a height of only 1530 mm (60.2"), the CT1 Lite module can be wall-mounted for space-saving operation.

Specifications Camera Tower CT1 Lite

Technical Features

Features	<ul style="list-style-type: none">> Fast Automatic height positioning> Autofocus> Depth recognition> Temperature detection> Liveness Detection (PAD)> Video Live Stream> User guidance
Face Capture Range	1100 mm (43.3")
Face Camera	12 MP, 14 Bit RGB, autofocus
Face Camera Moving Speed	up to 100 cm/s (recommended 20 cm/s)
Face Lens	16 mm
Face Resolution	approx. 260 px inter eye distance @ CSD2000
Face Frame Rate	30 fps
Overview Camera	Full HD, 1920 px × 1080 px, 24 Bit RGB + depth + temperature
Illumination	4x LED array, 5000 K, CRI 90
Display	7" RGB
Dimensions (H × W × D)	1530 mm × 270 mm × 109 mm (60.2" × 10.6" × 4.3")
Optional Pedestal (Height)	650 mm (25.6")
Power Supply	AC input 100 V to 240 V, 50/60 Hz, 1.4 A DC output 36 V, 5.6 A
Supported Image Formats	All common image file formats, such as JPG, JPG2000, BMP, PNG, TIFF
Compliance	ICAO, ISO 19794-5:2011, ISO 39794-5:2019

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

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



© 2024 All content and images are owned by DERMALOG Identification Systems GmbH and are actively protected by copyright.

V_24041015