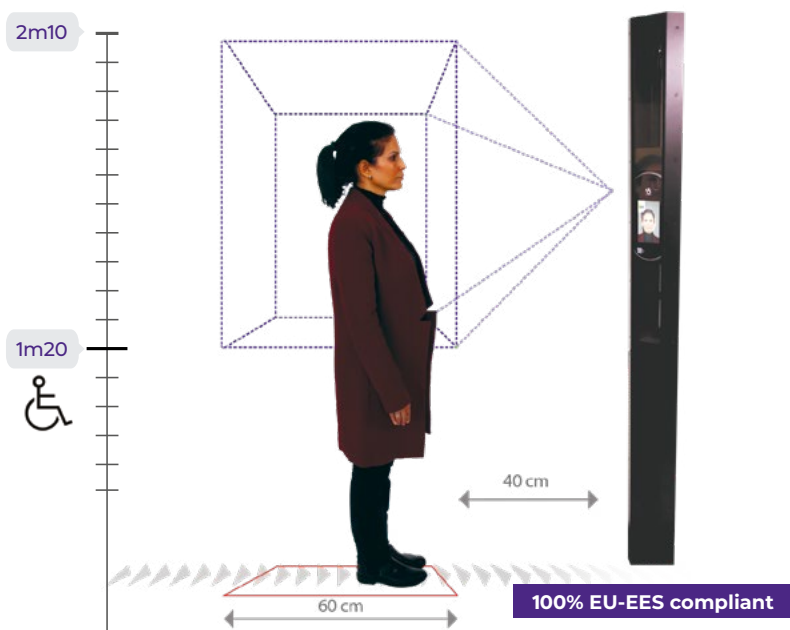# BORDERGUARD™ Totem

Capturing face biometrics with ease at manual counters

Europe is the most visited continent in the world. The implementation of the EU Entry/Exit System (EU-EES) aims to improve the management of external borders and to increase security. This is accomplished by collecting and registering biometric data of all Third Country Nationals crossing the Schengen borders. Therefore, the quality and reliability of biometric data are key success factors of the EU-EES.

IDEMIA's biometric device works in full compliance with EU-EES regulation and the Schengen Borders code, for **fast** and **accurate facial image capture** at air, land and sea borders. **Reliable and convenient**, it speeds up the border clearance process at **manual immigration counters** while ensuring optimal image quality.

2m10

1m20

40 cm

60 cm

100% EU-EES compliant

High-quality facial image capture
› Frontal, illuminated and tight-framed facial image capture at eye level
› Embedded quality control compliant with EU-EES regulation

User-friendly
› Intuitive, ergonomic, non-intrusive capture
› Compatible with various traveler profiles

Easy operation
> Fully automatic or manual process
> Easy installation at existing counters

IDEMIA, #1 in biometric technology

With over **40 years' experience** and **over 5 million** biometric devices deployed worldwide, IDEMIA is the undisputed leader in biometric technology. Our algorithms – consistently ranked in the NIST top tier across many modalities and multi-biometric solutions – combined with our product design and manufacturing expertise make us the partner of choice. We deliver the best biometric solutions to secure your borders, with the required level of quality, and respecting the regulatory framework and deadlines. Within the framework of the **European Entry/Exit System** (EU-EES), many **Member States trust** IDEMIA's biometric solutions to comply with the EU-EES regulations.

300+ BORDERGUARD™ Totem have already been ordered for deployment across the Schengen Area (as of March, 2025).

IDEMIA
PUBLIC SECURITY

A state-of-the-art facial image capture device

- › Context camera for face detection and lifting mechanism driving
- › Automatic or manual facial image capture
- › Live 7'' feedback screen for the traveler
- › Default range of capture at eye level: 1.4 m to 2 m (user height)
- › Extended range of capture: 1.2 m to 2.1 m (user height)
- › Default capture distance: 0.4 m to 1 m
- › Automatic lighting adjustment: uniform face lighting, no reflection on glasses

- › Lifting mechanism adjustment time: < 2 s
- › Total acquisition time: < 5 s (height adjustment, autofocus and capture)
- › Cropped photo resolution: 600 x 800 to 1200 x 1600 (with 200+ pixels inter-eye distance)
- › Compliant with international standard ISO/IEC 19794-5 and BSI TR-03121 guidelines
- › Certifications: CE, RoHS, WEEE

Motorization system

Adjustable lighting

Acquisition module

Feedback screen

Barcode reader (optional)

Adjustable lighting

Optional stand

BORDERGUARD™ Totem additional benefits

HIGH QUALITY BIOMETRICS

- › **High-quality** facial image capture, compliant with Commission Implementing Decision (EU) 2019/329
- › **Fast autofocus** ensuring sharp and clear facial image
- › **Diffuse lighting** adapting to various environmental conditions and avoiding reflection on glasses
- › **Tight-framed facial image**, guaranteeing one face per image
- › Embedded **quality control** in line with EES compliance
- › **Privacy by design**: GDPR compliant, no personal information stored locally
- › **Compatible** with third party and IDEMIA's biometric matching solutions

USER-FRIENDLY

- › **User-centric**: passenger guidance with live feedback during face capture
- › Suitable for a **wide range of traveler profiles**, including people with reduced mobility

- › **Fingerprint** sensor support plate (optional)
- › **Fast process** to reduce traveler stress
- › **Hygienic** and **contactless** biometric capture

EASY OPERATION

- › Fully **automated** or **manual processes**: height adjustment and face capture
- › **Live feedback, supervised** face capture
- › **Ultra-thin design**, offering high visibility to border guard
- › **Easy mounting** to the booth or remaining on the floor
- › **Built-in design**: all components are securely integrated in one housing unit
- › **Easy software integration** into existing EES systems: service providing the HLBS interface (BSI TR-03121-2.2)
- › **Future-proof**: 2D/QR code reading (optional)
- › **Fully configurable** settings and operational parameters
- › **Designed without a fan**: limiting noise pollution

IDEMIA GROUP

www.idemia.com