



TravelKiosk

Securing borders with end-to-end innovative biometric technology



CUSTOMIZABLE, SECURE, FRICTIONLESS, AND FULLY INTEGRATED BORDER CONTROL TECHNOLOGY

U.S. border control agencies' main priority is to securely process the growing number of travelers crossing borders by air, land, and sea. However, speed has also become an integral part of this mission.

IDEMIA's multi-biometric self-service TravelKiosk offers fast and accurate traveler data capture, allowing reliable immigration pre-checks and traveler registrations for air, land, and sea borders. Compliant with U.S. Customs and Border Protection (CBP) regulations, it also speeds up the border crossing while increasing security and convenience for travelers.

IDEMIA's modular, minimal-footprint TravelKiosk has customizable features that include simultaneous capture of one to four fingerprints with optional fingerprint scanner, tight-framed face match that can perform 1:1 and 1:N face matching, optional 2D/QR code readers, optional mobile travel document reader that is ISO 18013-5 compliant, and physical document scanners that authenticate travel documents.

TravelKiosk also comes equipped with embedded anti-spoofing capabilities and close supervision camera. The document authentication occurs locally on the TravelKiosk to the same standards used at government checkpoints. The configuration can be customized to the desired workflow in order to accommodate specific client or traveler needs. This includes language settings, graphic user interface (GUI), sounds, lights, and localized branding.

Key Benefits

CONTACTLESS

Biometric technology for high-quality fingerprint and frontal tight-frame facial capture.

USER-FRIENDLY

User-centric: intuitive, ergonomic, non-intrusive. Adapts to various traveler profiles, group processing.

MODULAR

Mobile solution with a small footprint and various optional components.

INTEROPERABLE

Connected and adaptable to your ecosystem. Speeds up the process at eCounters and eGates.





LEADING TECHNOLOGY FOR SECURE AND COMPREHENSIVE ENTRY AND EXIT SOLUTIONS

IDEMIA demonstrates undisputed leadership in the fields of identity verification and biometric matching. This is evidenced in multiple third-party tests, where our algorithms consistently feature among the top performers in accuracy, and where our facial recognition algorithms far outrank the rest of the top 20 most accurate algorithms in terms of unbiased matching relative to race, gender, and age.

In the U.S. National Institute of Standards and Technology (NIST) Face Recognition Vendor Test (FRVT), the IDEMIA algorithm counted among the top-ranked in all use cases and dataset sizes, making IDEMIA's algorithm the most consistent solution among 300+ submissions.

IDEMIA also ranked first on most data sets in the latest NIST Proprietary Fingerprint Template (PFT) III benchmark in Automated Fingerprint Identification Section (AFIS) class algorithms (Aug. 2022).



TRAVELKIOSK FEATURES

- Fully interface-ready with CBP TVS support and connectivity
- Easy to connect to national systems and client proprietary databases
- Adaptable workflow to support multiple passenger use cases
- Compatible with a passportless approach
- Embedded biometrics quality control to ensure compliance
- Less waiting time, reduced traveler stress with easy customer-facing experience

Dimensions	5.16 x 0.91 x 1.35 ft (without base) 5.19 x 1.31 x 2.08 ft (with base)
Weight	Approx. 175 pounds
Capture Range (Height)	4 ft - 7 ft
Capture Distance	1.3 ft - 3.9 ft
Operating Temperature	50°F - 95°F (+5°C - +35°C)