

# MFACE™

Capturing facial biometrics quickly and easily, accelerating security and throughput.

## CAPTURING A CONTINUOUS FLOW OF PEOPLE USING PROVEN TECHNOLOGY

In a busy, security-conscious environment, capturing facial biometrics without slowing down throughput has long been a challenge.

IDEMIA's MFACE offers a secure, reliable, and accurate solution for capturing facial biometrics. With a fast capture time of < 1 second and 99.8 percent success rate, along with 24/7 availability, MFACE removes bottlenecks and delays to allow for maximum throughput. MFACE identifies a continuous flow of people walking through a designated area in real-time, using IDE MIA's independently-proven facial recognition technology.

In the U.S. National Institute of Standards and Technology (NIST) Face Recognition Vendor Test (FRVT) of January 2023, 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. It achieved the best accuracy of 99.88% in the largest datasets, attained the highest accuracy ever achieved in FRVT (99.9%), and far outranked the rest of the submissions in unbiased matching relative to race, gender, and age.

Typical applications include self-service kiosks, self-bag drop, border control, and self-boarding. It can be deployed as a standalone unit, desktop unit or as a ready-to-integrate OEM kit.

## BEST IN CLASS SECURITY

- High matching accuracy: MFACE integrates IDEMIA's deep learning technologies
- Anti-spoofing capabilities
- Secured webservice and encrypted communications
- Compliant with international standard ISO/IEC 19794-5
- Certifications: IEC CB, CE, UL, FCC, BIS, RoHS, WEEE



## Key Benefits

### ACCURATE

Enhanced accuracy and security, with fast capture and matching time for maximum throughput.

### EASY TO USE

Fast and intuitive solution requiring minimal cooperation while keeping individuals moving seamlessly.

### FEWER RESOURCES REQUIRED

Lower resource requirements to operate, allowing for staff to be redeployed in other roles.

### LOW COST OF OWNERSHIP

No moving parts or lighting and an open software architecture.



## MFACE™ FEATURES

- Capture range (height): 3.3 feet to 6.9 feet
- Capture distance: 1.3 feet to 4.9 feet
- Robust to ambient lighting
- Automatic, smart gain and exposure control
- Adjustable thresholds: capture time, False Rejection Rate (FRR), False Acceptance Rate (FAR)
- Fast capture: < 1 second
- Fully ready to interface with CBP TVS
- Matching capabilities: 1:1 and embedded 1:N (up to 10k entries)
- High availability: 99.8%, 24/7

