

MFACE Pro

Capturing facial biometrics securely and easily,
while accelerating throughput in high-traffic areas.



A CONTACTLESS SOLUTION USING PROVEN TECHNOLOGY FOR VALIDATING IDENTITY IN A CONTINUOUS FLOW OF PEOPLE

IDEMIA is launching a new MFACE™, the MFACE Pro, ushering in a generation of best-in-class face matching algorithms, paired with easy-to-use, mobile technology. MFACE Pro is a hand-held tablet (COT) that provides a portable, easy to integrate and cost-effective solution for capturing facial biometrics at speed. Its use will provide seamless throughput in the nation's busiest airports, seaports, and other large venues. Its user-friendly functions adapt quickly and efficiently in any environment, eliminating the stagnant, bulky, and high-maintenance hardware that is typically required. The tablet comes in various form factors, e.g., standalone or integrated into a gate.

With a fast capture time of < 1 second and 99.8 percent accuracy, along with 24/7 availability, the reliable and efficient MFACE Pro removes bottlenecks and delays to allow for maximum throughput. MFACE Pro identifies a continuous flow of people walking through a designated area in real time using IDEMIA'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.

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 staff to be redeployed in other roles.

LOW COST OF OWNERSHIP

No moving parts or lighting, and an open software architecture.



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



TECH SPECS

- 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