

Mi-FaceIQ

Mi-FaceIQ is an AI-powered facial recognition solution that provides real-time, accurate identity verification across diverse environments. Built for flexibility and seamless integration, it enhances security, attendance, and safety systems with reliable performance.



Technology Overview

Mi-FaceIQ is an AI-powered facial recognition engine designed to deliver **real-time, reliable identity verification** across diverse environments. Supporting both **static and mobile cameras** (including body-worn devices), Mi-FaceIQ seamlessly integrates with **NX Optics VMS** or operates as a standalone engine, as long as the video stream is accessible. With flexible deployment on **Windows and Ubuntu**, Mi-FaceIQ can be installed **on-premises at customer sites** or hosted on a **MIMOS-provided cloud service**. A built-in **web UI** enables intuitive system configuration and enrolment of recognition databases, supporting identification from as little as **one face image per identity**. Designed and supported locally, Mi-FaceIQ provides a customisable solution with responsive support for mission-critical use cases.

Technology Benefits

- **Scalable performance** with GPU acceleration for multi-stream recognition.
- **High accuracy** recognition engine optimised for real-time use cases.
- **Rapid deployment** through containerised packaging and easy UI setup.
- **Secure operations** with configurable whitelist/blacklist/general databases.
- **Future-ready architecture** supporting integration with IoT, VMS, and security ecosystems.

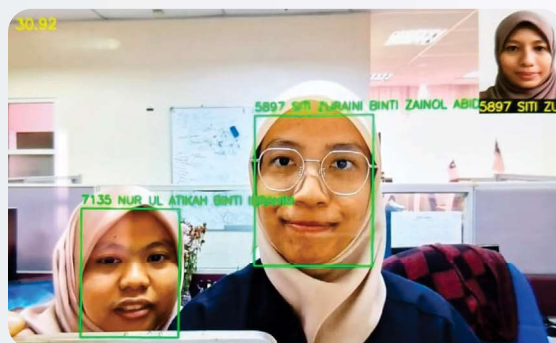
Key Features

- **Multi-camera support** – Works with static CCTV, IP cameras, and mobile/body-worn cameras.
- **Cross-platform compatibility** – Runs on both **Windows and Ubuntu**.
- **Flexible deployment** – On-premises or cloud hosting by MIMOS.
- **NX Optics VMS integration** – Out-of-the-box compatibility for end-to-end video analytics.

- **Standalone engine** – Operates independently with any accessible video stream.
- **User-friendly interface** – Web-based UI for configuration and database enrolment.
- **Minimal enrolment requirement** – Works with as little as **one image per identity**.
- **Third-party integration** – REST API for external applications, access control, or analytics systems.
- **Local customisation & support** – Tailored features and responsive after-sales service.

Applications

- **Smart campuses** – Automated student/staff verification and attendance.
- **Security & access control** – Gate/door integration for restricted areas.
- **Public safety** – Integration with body-worn cameras for law enforcement.
- **Enterprise facilities** – Employee tracking, time & attendance.
- **Transportation & mobility hubs** – Passenger verification at terminals and stations.



Real-Time Facial Recognition for Identity Verification

