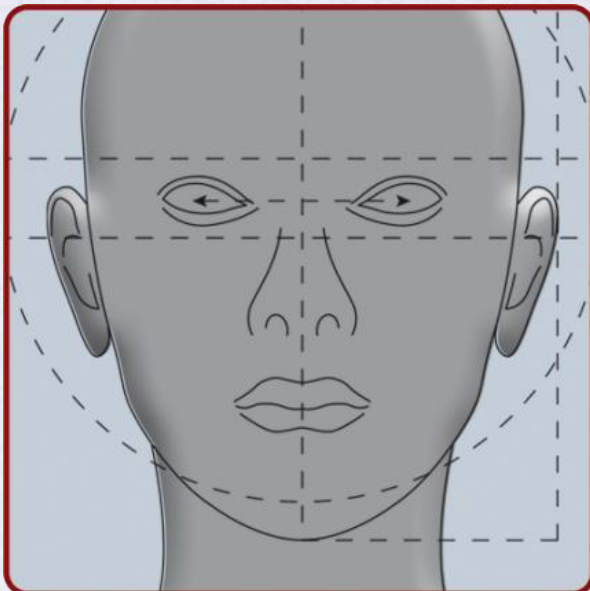




# id3Face Toolkit

*Face capture and recognition toolkit  
for PC and mobile systems*



**id3Face Toolkit** provides a complete set of functionalities for quick integration of face recognition technology in PC-based application, biometric identification systems and mobile devices.

id3Face Toolkit works with any type of camera, from webcams to high-end SLR cameras and fully complies with international standards for face data exchange.

The algorithms are also optimized for real-time face tracking and identification on a standard computer.

## Applications





-  Enrollment Stations
-  Automated Biometric Identification Systems (ABIS)
-  Mobile Devices
-  Physical and Logical Access Control



IMAGE QUALITY CHECK



REAL-TIME IDENTIFICATION



MULTI-FACE TRACKING



QUICK INTEGRATION



REACTIVE SUPPORT





## SPECIFICATIONS

### MAIN FEATURES

- Advanced face recognition algorithm
- Automatic face capture
- Image quality assurance (sharpness, exposure, illumination, resolution)
- Real-time multi-face detection and tracking
- Feature points detection (eyes, nose, mouth)
- Head pose estimation (yaw, pitch, roll)
- Instant one-to-one comparison and one-to-many search
- Full ISO/ANSI compliance for biometric data exchange with other systems
- Comprehensive API including Java and Microsoft .NET connectors to simplify integration of the library
- Available for Windows, Linux and Android

### TECHNICAL SPECIFICATIONS

#### PERFORMANCES

- Template size: 512 bytes
- Extraction time < 150 ms
- Matching speed > 1,000,000 templates per sec.

#### REQUIREMENTS

- Any digital camera using DirectShow
- Minimum resolution: 640x480 pixels
- Face posture tolerance: +/- 15 degrees
- No dark or heavy frame glasses

#### COMPLIANCE WITH STANDARDS

- ISO/IEC 19794-5
- ANSI/INCITS 385
- BMP, PNG, TIFF, JPEG, JPEG2000

#### OPERATING SYSTEM

- Windows 7, 8, 10 (32-bit / 64-bit)
- Linux
- Android

#### SOFTWARE DEVELOPMENT

- C/C++
- Microsoft .NET
- Java

#### ALONG WITH THE SDK

- Sample codes
- Complete documentation
- One year of technical support