



Technical Specifications

MOBOTIX Visage Technologies Face Recognition App

Face Recognition for Access Control

The app compares and recognizes faces based on encrypted image data stored in the camera (face descriptors, not real image files). The application has a 97 % hit probability for access applications. The app can be tested free of charge for 30 days and can be activated for a period of either 12 or 24 months. The app is ideally suited for the following industries: Utilities, Energy & Mining; Industry & Production; Government; Traffic & Transportation; Retail; Healthcare; Education & Education.

- App works as an extended security level for access controls, login terminals, transactions, etc.
- Works with camera online and offline
- Delivers quick and reliable results
- Configuration of the app also via MxManagementCenter(free Advanced Config license required)
- Can be used with all cameras of the MOBOTIX 7 system platform

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Product Information

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|--------------------------------|---|
| Product Name | Visage Technologies Face Recognition App |
| Order Code | - Mx-APP-VIS-FR-1 (one-year license) - Mx-APP-VIS-FR-2 (two-year license) |
| Supported MOBOTIX Cameras | Mx-M73A, Mx-S74A |
| Minimum Camera Firmware | V7.0.4.x |
| MxManagementCenter Integration | - min.MxMC v2.2 - Advanced Config license required - Smart Data Interface (Recognition Log) |

Product Features

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| App Features | - Completely edge processed - Face Detection & Recognition optimized for access control scenarios - MOBOTIX events via MxMessageSystem - White- and blacklisting* - Recognition log* |
| Maximum number of simultaneously detected / recognized faces | 4 |
| Maximum number of enrolled faces | 1000 |
| Meta Data / Statistic formats | JSON |
| Trial License | 30-day trial license pre-installed |
| MxMessageSystem supported | Yes |
| Interfaces | compare supported camera's interfaces |
| MOBOTIX Events | Yes |
| ONVIF Events | available after camera firmware update |

Scene Requirements

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| Minimum face height | 1/10 of live image resolution (e.g. 30px @ VGA) |
| Recommended installation height (camera) | 165 – 210 cm |
| Maximum Horizontal Angle | 10° |
| Maximum Tilt Angle | 5° |

Technical App Specifications

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|---------------------------------------|---|
| Synchronous / Asynchronous App | Asynchronous |
| Accuracy | Typ. 97% (considering scene & technical requirements) |
| Processed number of frames per second | Typ. 2 fps |
| Recognition time | < 1 s |
| Detection time | Typ. 80 ms |
| Size of individual face data set | 1 kB |

* available with updates in future
