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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Technical Specifications

Product Information

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

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	Yes (Generic Message event)

Scene Requirements

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

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

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