59%   COMPLETE...

98%   LOADING...

PRODUCT DESCRIPTION

Human identification has never been more important to businesses and organizations. The benefits of leveraging digital identity using Face Recognition Analytics have resulted in enhanced security, productivity, effective communication, and improved customer experience. Visual intelligence provided by VEZHA® Face Recognition addresses security and surveillance, people management, product management, personalized services, process automation, and predictive analytics in almost all sectors.

VEZHA FACE RECOGNITION FEATURES

- Identification accuracy goes up to 99.35%
- Unlimited quantity of the lists (white, black, VIP, etc.) for individuals without any limitation
- High-quality face recognition even with glasses, caps, mask, beard, and moderate facial rotation
- Identification takes up to 0.1 seconds with a search base of 1 million people
- Time identification – captures the exact time a person is detected, including entry and exit times, and logs it in reports
- Determining gender and age
- Statistics dashboard enables viewing events per hours, days, weeks, and months
- Restrict access to notifications for a specific group of users
- Productivity up to 2000 fps in 1080p HD video
- Face size for detection: Faces from 10 pixels IOD
- Face size for recognition: Faces from 21 pixels IOD, 40 pixels recommended

(IOD) Interocular distance - the distance between the eyes, used in reference to the interpupillary distance (the distance between the two pupils)

GENERAL INFORMATION

SUPPORTED OPERATING SYSTEMS	LINUX UBUNTU 20.04 / FROM WINDOWS 10 / FROM WINDOWS SERVER 2019
SUPPORTED PLATFORM	X64
SUPPORTED HARDWARE ACCELERATION	INTEL OPENVINO / NVIDIA TENSORRT
SUPPORTED DATABASE	SUPPORTED DATABASE MYSQL / POSTGRESQL / MS SQL / ORACLE

INTERFACE

CAMERA STREAM PROTOCOL	RTSP / HTTP / HTTPS / ONVIF
RECORDED VIDEO FORMATS	MKV; MP4; ASF; AVI; MJPEG
SUPPORTED CODECS	MPEG-4; MJPEG; H.264; H.265
OUTPUT FORMATS	JSON / XML / CSV / PDF

MAIN FUNCTIONALITY

CENTRALIZED MANAGEMENT	✓
REAL-TIME ALARMS	✓
INTEGRATION WITH MICROSOFT POWER BI, GOOGLE DATA STUDIO, AND OTHERS	✓
UNLIMITED LISTS SUPPORT	✓
NOTIFICATION SETTINGS: INTERNAL ALARM, BY TELEGRAM OR OTHER EXTERNAL SYSTEMS	✓
REST API	✓
INTEGRATED BUSINESS LOGIC BUILDER	✓
SUPPORT FOR VARIOUS INTERFACE LANGUAGES	✓

VMS INTEGRATION

EVENT BASED INTEGRATION	LUXRIOT EVO, MILESTONE XPROTECT, NX META, AND OTHER
PLUGINS INTEGRATION	LUXRIOT EVO, MILESTONE XPROTECT, NX META

SECURITY FEATURES

ACTIVE DIRECTORY / LDAP	✓
GROUPS AND ROLES SUPPORT	✓
ENCRYPTION OF ALL PACKAGES	✓