

# Face Recognizer



## Overview

**Face Recognizer** is an intelligent and powerful face detection, search and recognition solution.

Face Detection and recognition are key tools for security professionals. Though video archiving solutions provide complete records of what happened in the scene, they do not allow for someone to quickly scan people present in the scene to shortlist, target, and identify potential miscreants.

**Face Recognizer** provides the following capabilities:

- 1: Detect and log faces
- 2: Recognize faces (with pre-registration)
- 3: Search for similar faces from a single camera or across multiple cameras
- 4: Detect any matches with faces on the "watch list" database and provide alerts.

## Benefits

**Face Recognizer** offers many benefits:

- Enables security professionals to shortlist, target, and identify intruders, loiterers, and potential miscreants
- Creates an automated log of people in the camera or scene which can be used for forensic investigations
- Allows users to track people presence across multiple cameras or locations to identify potential issues or threats
- Enables automated matching against a watch list with real time alerting
- Improves security. Increases productivity and efficiency of security professionals.

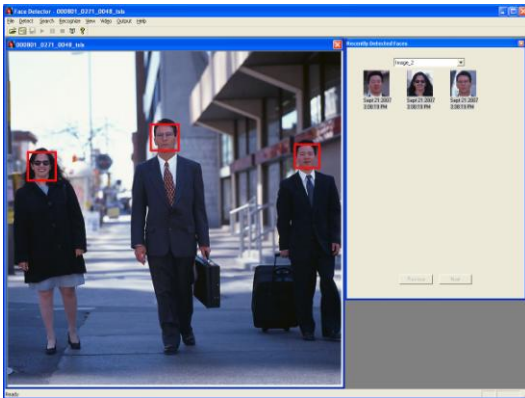


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## Features

**Face Recognizer** has powerful and flexible features:

- Detect and log faces (min 20 pixels between eyes)
- Recognize faces (min 25 pixels between eyes. Recommended 75 pixels or more for higher accuracy)
- Watch list to save and match in real time
- Provide alerts on watch list matches
- *Input:* Analog, Digital, Network/IP Cameras Works with Color, B/W and IR cameras.
- Report on faces recognized
- Search by name or similar faces



## Applications

**Face Recognizer** can be used for:

- Secure facilities with larger campus
- Financial Institutions and Banks
- Retail market
- Airport, Ports, Maritime and Govt institutions.
- Enterprise and commercial security
- Entertainment, Casinos and Gaming
- Schools and Educational institutions.
- Urban and Public area monitoring
- Law Enforcement & Transportation

## Hardware Specifications

IntelliSearch is available in the following full solution or Software only configurations:

### Full Solution (Hardware and Software)

1. **Rackmount Server.** This is provided on a 1U or 2U Rackmount server with pre-installed software. Customers can add cameras and monitors of their choice to deploy the system. System requirements:

- Standard Pentium PC (1 channel)
- Dual-Core Xeon (4 channel)
- Dual-Core Dual Processor (8 Channel)
- 1-2GB memory
- 120-240 GB Hard disk, based on channels
- 1G Ethernet
- Windows XP OS

### Software Only:

2. **Face Recognizer Software.** This full application software only product can be purchased and deployed on most PC based servers.

### External System Integration:

3. **Software (API/SDK).** This option is available for OEMs that would like to embed Face Recognition into their own video management software, DVR, NVR or other application. We provide C++, Open Architecture and XML based API/ADK integration.

## About IntelliVision

IntelliVision is a leader in "Video Intelligence and Automated Monitoring" solutions for Security & Surveillance markets. Our products have been successfully deployed at several Government and Enterprise customers providing high reliability and running 24/7/365. IntelliVision is headquartered in USA with offices in Europe & Asia.

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