

## Facial Recognition on Smart Safety Platform

Real-time video analytics with award winning accuracy

Remark's AI-driven video analytics with facial recognition has been designed for: Airports, smart city projects, shopping centres, hotel check-ins & check-out, room access, public transport, academic, entertainment venues, ticket collection points, and public areas.

### ACCURATE FACE IDENTIFICATION FROM YOUR VIDEO STREAMS

#### CHECK-IN / AUTHORISED / UNAUTHORISED ACCESS

Set access control and permissions for people & generate appropriate alerts should personnel without access permissions attempt entry / exit.

#### ID VERIFICATION

Confirm personnel identification in line with face picture, name, ID number, etc.

#### WATCH-LIST WITH AUTO-LEARN FEATURES

Users can set a watch-list for relevant personnel. Watchlist auto-learn can dynamically update biometric templates.

#### FACE ATTRIBUTE

Recognise facial features, such as gender, age, hair colour, wearing glasses, smiling, etc. Compare two face pictures to analyse their similarities rapidly.

#### MASK WEARING

- Intelligent identification of masks
- Triggering the appropriate workflow / alert to personnel

#### ADVANCED VIDEO SEARCH

- Search on face pictures by camera location, facial features and time schedule.
- Retrieve similar face pictures in the face picture library according to the given face picture.
- Meta-data search on facial attributes
- Track and group individuals through multiple frames



### SMART SAFETY PLATFORM FEATURES INCLUDE

VIDEO SEARCH | REAL-TIME EVENT ALERTS | COMPREHENSIVE REPORTING

#### MAP VIEW

Users can view the specific location of each camera and monitor areas in real-time.

#### USER FRIENDLY INTERFACE AND DASHBOARD

Access real-time video analytics, actionable insights & setup automated workflows.

#### RULE-BASED REAL-TIME EVENT ALERTS

Set up customised notifications for when a camera records an event, or a targeted face picture in the list library is detected. Alerts can be sent via email or SMS.

#### MOBILE APP (ANDROID AND iOS)

SSP is compatible with Android and iOS systems.

### AWARD WINNING AI MODELS

Ranked top by NIST for facial recognition

**NIST** NATIONAL INSTITUTE OF  
STANDARDS AND TECHNOLOGY  
U.S. DEPARTMENT OF COMMERCE

# Remark Facial Recognition is part of the Smart Safety Platform

Remark's facial recognition module is widely used in a variety of business and life scenarios, and uses the Remark AI Box or AI Server to connect to your existing CCTV infrastructure.

## ACCURATE FACE IDENTIFICATION FOR

ACCESS CONTROL

TIME AND ATTENDANCE

VISITOR MANAGEMENT

### HARDWARE SPECIFICATION

#### AI-BOX FOR 1-32 CAMERAS

##### TECHNICAL SPECIFICATION

GPU: 384-CORE VOLTA

CPU: 6-CORE NVIDIA CARMEL

MEMORY: 8 GB LPDDR4X



#### AI-SERVER FOR 32+ CAMERAS

##### TECHNICAL SPECIFICATION

GPU: UP TO 4 NVIDIA TESLA GPUS

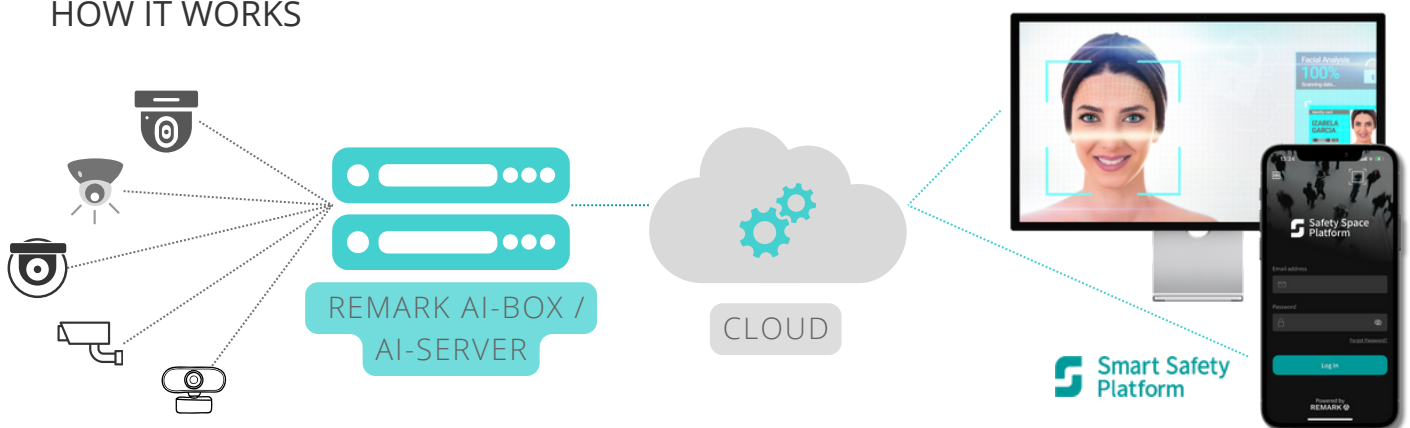
CPU: INTEL XEON

MEMORY: UP TO 512GB DDR4



SCAN ME

### HOW IT WORKS



**NIST** NATIONAL INSTITUTE OF  
STANDARDS AND TECHNOLOGY  
U.S. DEPARTMENT OF COMMERCE



**REMARK**

[www.remarkvision.com](http://www.remarkvision.com)

Socials: @remarkvision

[info@remarkvision.com](mailto:info@remarkvision.com)