

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



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

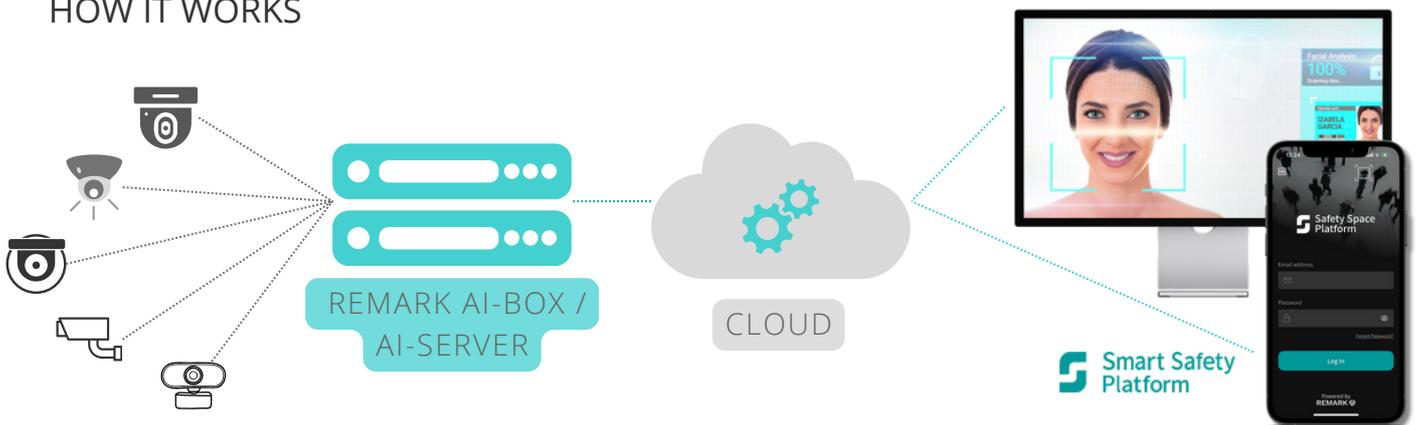
CPU: INTEL XEON

MEMORY: UP TO 512GB DDR4



SCAN ME

HOW IT WORKS



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

