HIKVISION FACE RECOGNITION SOLUTION

– Powered by Artificial Intelligence (AI)

HIKVISION®
See Far, Go Further

> Public safety is always a vital concern for governments, but the responsibility of ensuring personal and property safety doesn't only fall to them. Every organisation has a role to play in public safety.
>
> Hikvision is proud to introduce face recognition solutions to Australia with the release of a range of products powered by AI algorithms. Our intelligence-based Deep Learning solutions offer reliable and flexible and cost-effective solutions to entities big and small.
>
> In addition to enhancing safety, Hikvision's face recognition system also encourages business operators to imagine new approaches to the development of practical business strategies.

THE WHO'S WHO OF ENTRY ACCESS

Thanks to Deep Learning, businesses now have the power to control access to entry points with an identity library based on face recognition. Once a person's face is saved to your 'blacklist' or VIP 'whitelist' library, entry gates can be triggered to allow or deny access. The system can also be set to trigger an alarm for faces not recorded in the library, in order to prevent stranger intrusions.

HOW OUR BLACK & WHITE LISTS PERFORM IN THE CITY

01 Recognise people from your blacklist and notify security to take action to reduce risks.

Airport

Supermarket

02 Recognise whitelist customers so they can experience exclusive VIP service from the moment they arrive.

Casino

Bank

Car Dealer

03 Cut queues with rapid attendance check.

Factory

Conference

University

EDGE COMPUTING

Edge computing is a method of optimising IP cameras, NVRs and cloud computing systems by performing data processing and analytics at the "edge" of the network – that is, nearest to the source of the data. This relieves concurrency pressure from the datacentre by moving large volume processing to edge nodes, improving agility, real-time responsiveness and system stability. Hikvision's Deep Learning products – DeepinView series cameras and DeepinMind series NVRs – are currently the industry's best examples of Edge Computing.

Powered by high performance GPUs and Deep Learning algorithms, our DeepinView series cameras are a striking example of AI technologies. Their intelligence-based functions include false alarm filtering, facial detection, people counting and vehicle structured data.

Taking inspiration from the human brain, the DeepinMind embedded NVRs perform astonishingly accurate false alarm filtering and other smart functions.
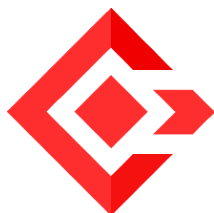
These cameras were showcased at the CPSE exhibit where DeepinView Dual-Lens People Counting cameras were used to count visitors coming and going at the entrance and exit of Hikvision's stand and Tilt Dual-lens Pedestrian Density cameras were installed to track crowd density. Same materials with the one in Event Content.

Solution 1 Dual-Lens Facial Recognition Camera + VMS

iDS-2CD8426G0/F-I   +   HikCentral VMS

- 3 Libraries: up to 60,000 pictures
- Face Library storage: up to **3GB**

Solution 2 Face detection Camera + NVR + VMS

Camera   +   iDS-9632NXI-I8/4F   +   HikCentral VMS

- 4-ch real-time face comparison
- 4 face libraries with up to 100,000 pictures