



HIKVISION®

INTELLIGENCE IN ACTION
APPLICATIONS OF
FACIAL RECOGNITION TECHNOLOGY

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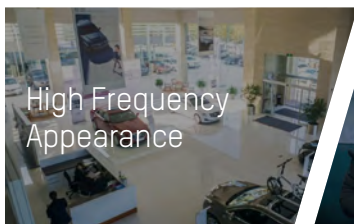
Contents



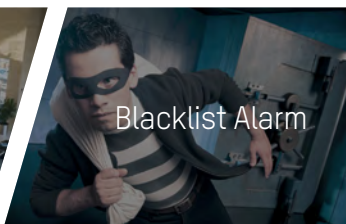
Facial Recognition for Tracking Attendance



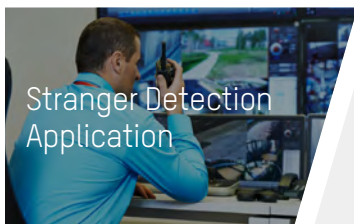
VIP Recognition



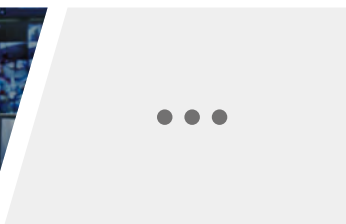
High Frequency Appearance



Blacklist Alarm



Stranger Detection Application



Disclaimer

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Facial Recognition for Tracking Attendance

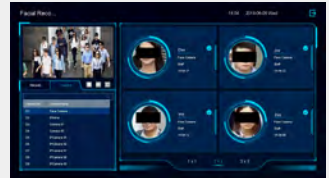
A more efficient attendance tracking method for both enterprise and campus applications

Now there is a better way to track attendance for companies and classes. Based on facial recognition technology, this new method is quicker, safer, and more accurate. Thanks to this technology, employees no longer need to remind themselves to carry ID cards all the time, and professors will no longer need to take roll one by one.

• Application Scenarios



• System Structure and Highlights



- Real-time, quick response
- User-friendly interface
- Attendance records in iVMS-4200 can be exported to support further analysis



	A	B	C	D	E
1	Face Library Name	Name	Attendance Count	03-15	03-16
2	STAFF	Pillar	4	2	2
3	STAFF	Andy	8	6	2
4	STAFF	Alan	12	6	4
5	STAFF	Juana	8	4	4

DS-2CD7A26G0-IZ(H)S
DS-2CD7126G0-IZS
DS-2CD7026G0-AP



iDS-6704NXI-1/4F



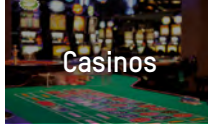
iDS-9632NXI-I8/4F

VIP Recognition

Recognize the potential

Providing better services to VIP customers has become an important strategy for many businesses. With VIP recognition, store-owners and staff can now guide and serve key customers starting from the moment they walk in.

• Application Scenarios



• System Structure and Highlights

Face Capture

VIP Recognition



DeepinView IPC

DeepinMind NVR/NVS

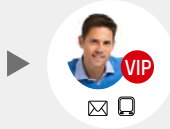
VMS



1:N



VIP List



Notification



- Real-time notification
Built-in GPU, deep-learning-based face detection and facial recognition technology
- Face Library with large capacity

DS-2CD7A2660-IZ(H)S
DS-2CD712660-IZS
DS-2CD702660-AP



iDS-6704NXI-I/4F



iDS-9632NXI-I8/4F

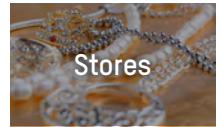


High Frequency Appearance

Spot potential sales and threats in advance

Patterns tell stories. High frequency appearance can either mean potential customers or possible threats. No matter which is the real case, the ability to see and analyze patterns always give you the upper hand.

• Application Scenarios



• System Structure and Highlights

Face Capture

Occurrence Frequency
Statistic

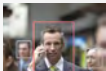
Attendance Result



DeepinView IPC

DeepinMind NVR/NVS

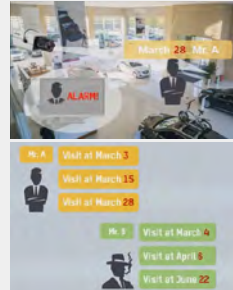
VMS



+1
+2
+3
...



Alarm Linkage



- Real-time alarm for high frequency appearance
- Multiple linkage channels (4-ch)
- Filter Configuration

DS-2CD7A26G0-IZ(H)S
DS-2CD7126G0-IZS
DS-2CD7026G0-AP



iDS-6704NXI-1/4F



iDS-9632NXI-I8/4F



Blacklist Alarm

Recognize and block known threats

With the blacklist alarm, when a dangerous person or a thief on the list shows up, the security system will signal shop assistants and relevant personnel to prevent incidents or further damage.

• Application Scenarios



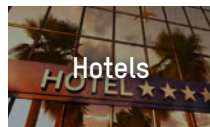
Retail



Residential



Restaurants



Hotels

• System Structure and Highlights

Face Capture



DeepinView IPC

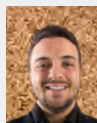
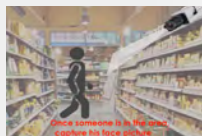
Facial Recognition and Comparison



DeepinMind NVR/NVS



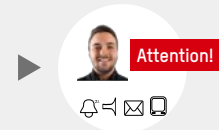
VMS



1:N



Blacklist



Notification

- Real-time notification
Built-in GPU, deep-learning-based technology
- Face library with large capacity
Up to 100,000 pictures

DS-2CD7A2660-IZ(H)S
 DS-2CD712660-IZS
 DS-2CD702660-AP



iDS-6704NXI-1/4F



iDS-9632NXI-18/4F

Stranger Detection Application

Keep an eye out for what you care about

Stranger detection helps to keep unwelcome persons away from an open and sensitive area. Get notified in real-time and always be alert.

• Application Scenarios



• System Structure and Highlights

Face Capture

Stranger Detection



DeepinView IPC



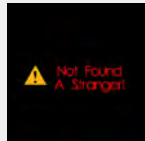
DeepinMind NVR/NVS



VMS



1:N



Face Library



Alarm Linkage

- Real-time alarm
Built-in GPU, deep-learning based facial detection and recognition technology
- Multiple linkages

DS-2CD7A26G0-IZ(H)S
DS-2CD7126G0-IZS
DS-2CD7026G0-AP



iDS-6704NXI-1/4F



iDS-9632NXI-I8/4F



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