SD5A Series

Silently guard your living
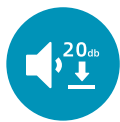
Invisible Lens Design   **Ultra-low Noise**   **PFA+ 2.0**   **Auto-tracking**

Highlights

• Invisible Lens Design

Have you ever experience being uncomfortable towards a camera in public places because it felt like your privacy is being invaded?
Have you ever received life or property threats from law-breakers who can elude monitoring because of its highly visible lens orientation?

The all-black and spherical design makes the lens look almost invisible to the naked eye from 15 meters away, which greatly increases the concealment of the lens.

6m

5m — The rotation of the lens can be noticed only when a passerby thoroughly look at it.

10m — The rotation of the lens is barely noticeable.

15m — The rotation of the lens cannot be noticed.

• Ultra-low Noise

Have you ever felt bothered by a PTZ camera moving with loud noise when you are reading in the library or visiting a museum?

SD5A makes lower noise when rolling, making it suitable in quiet areas such as museums, libraries, galleries, etc.

PAINFUL	EXTREMETY LOUD	VERY LOUD	MODERATE	FAINT
140 130	120 110 100	90 80 70	60 50 40	30 20 10

Tranditional PTZ

Test Result

Decibel Scale (dB)		Lp (dB)	Left (dB)	Right (dB)	Front (dB)	Back (dB)	Up (dB)
	Background	17.02	17.5	16.8	16.4	17.5	16.8
	Tour	18.76	19.6	18.5	18.1	19.2	18.2
	Pattern 1	18.56	19.3	18.4	18	19	17.9
	Pattern 2	18.87	19.6	18.8	18.3	19.2	18.3
	Pattern 3	19.17	19.9	19	18.7	19.5	18.6

## • PFA+ 2.0

PFA is short for Predictive Focus Algorithm. It not only ensures clarity and eliminates shaking during the zooming process, but also shortens focus time in order to preserve clear images at all times, substantially improve user experience and increase product value.

• Perimeter Protection and Auto-tracking

Perimeter Protection

It can be used in dangerous areas to prevent people from approaching, or in high-value scenarios to deter intruders. Scenarios as such include riverside, border, company fence, private residence, etc. When the alarm is triggered, the PTZ camera will track the target and send a message to the monitoring center. It can also turn on security light and siren to warn off intruders.
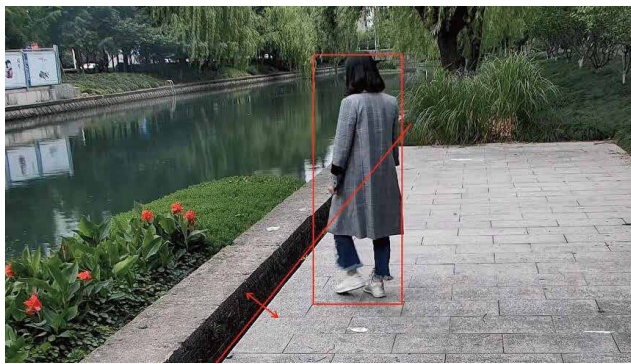
Auto-tracking

The PTZ camera with large optical zoom offers high accuracy and flexible tracking for different scenarios at different distances. It is capable of recording travel trajectories and obtaining more details of the intruder that can be used as chain evidence or records for further intelligent analysis.
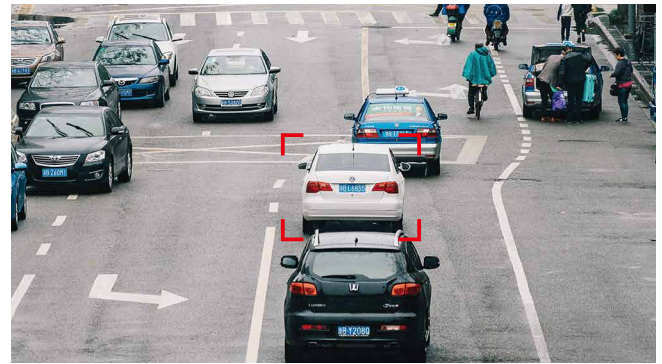
• Face Detection

It supports face capturing, statistics and facial attributes extraction. When used with NVR or DSS, it can also realize face recognition and data retrieval in important events and transport hubs, such as marathon, summit meeting, pedestrian lane, airport, railway station, etc.
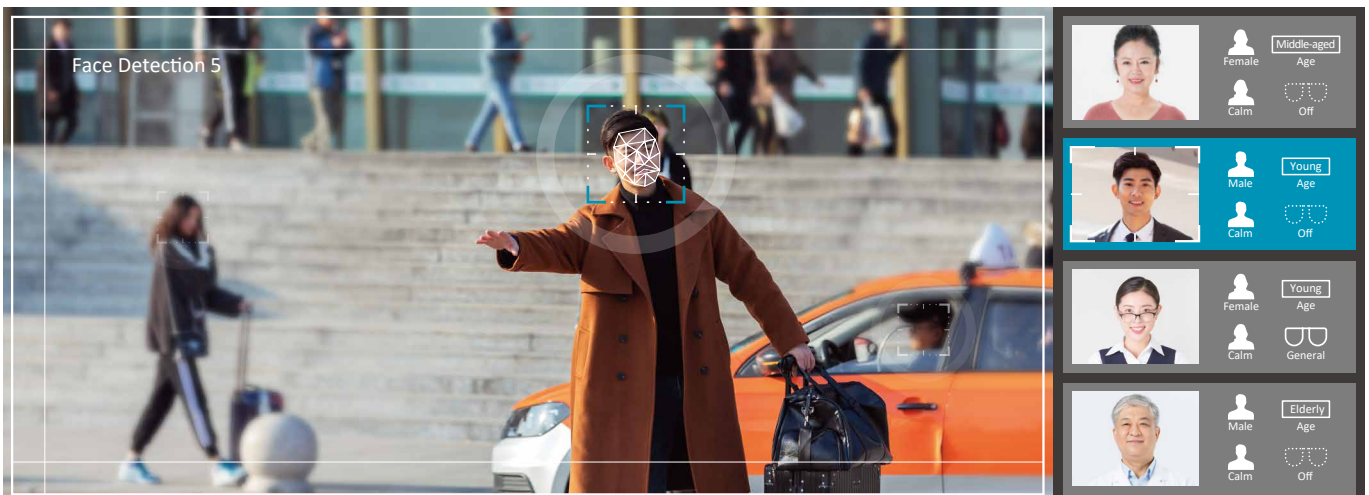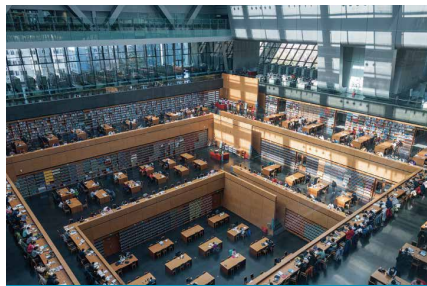
Application Scenarios

Bank

Company Fence

Private House

Museum

Library

Gallery

SD5A Series

25x	32x	45x
SD5A825-HNR-YA SD5A425&225XA-HNR	SD5A432&232XA-HNR	SD5A445&245XA-HNR
25x Optical Zoom 8MP/ 4MP/ 2MP Resolution 1/1.8"/ 1/1.8"/ 1/2.8" STARVIS™ CMOS, IR Distance up to 150m	32x Optical Zoom 4MP/ 2MP Resolution 1/2.8" STARVIS™ CMOS IR Distance up to 150m	45x Optical Zoom 4MP/ 2MP Resolution 1/2.8" STARVIS™ CMOS IR Distance to 150m

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∗ Design and specifications are subject to change without notice.

Ver.2, Jun. 2020