

# Surveon H.265 IR Speed Dome Cameras

Excellent Solution in Long Range Darkness

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IR Speed Dome Overview

Product Advantages

Technical Information



# Surveon IR Speed Dome Overview

CAM6471LZ-5



## IR Distance Up to 200M

Capable of capturing high resolution images during daylight hours and even in pitch-black darkness

## Up to 30x Optical Zoom

Provide 3MP images with 30x optical zoom and 10x digital zoom, 300x zoom in total

## Advanced Video Functions

True Day & Night (ICR), HDR(120dB), 2D/3D De-noise, Electrical Image Stabilizer (EIS)

## High Reliability with Low RMA Rate

With industrial-grade components, it can handle harsh outdoor conditions including -40° C ~ 50° C (-40° F ~ 122° F) temperature and 90% humidity environment with low RMA rate, giving partners a trust-worthy solution

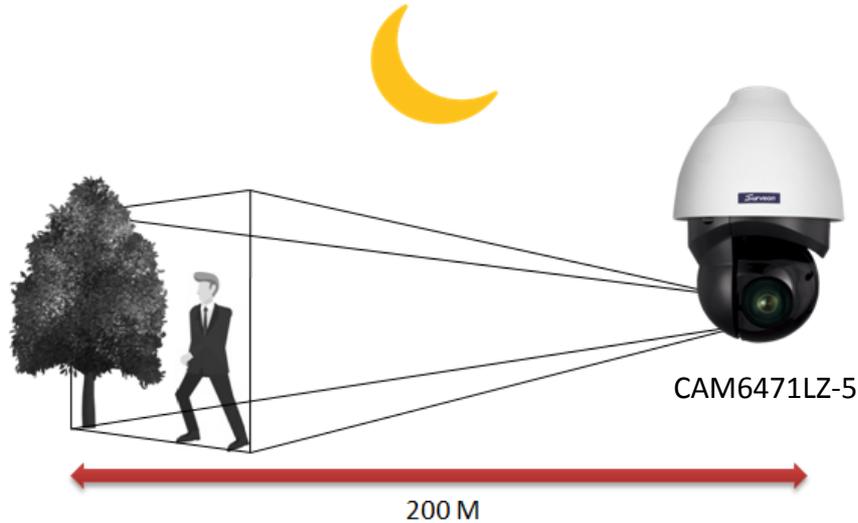
CAM6471EZ-5



# Product Advantages

# Up to 200M IR Illumination

- **Excellent Low Light Performance:** Surveon IR speed dome provide effective illumination to the objects 200 meters away. Its 30x optical zoom lens also delivers clear images in long distance.



# True Day & Night (ICR)

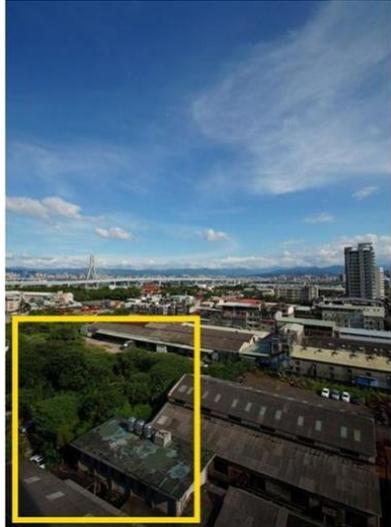
- **Superior Image Quality:** Under day mode, the infrared filter of camera is placed in front of the sensor, **filtering the infrared and providing true color images**. When it becomes night mode, the motor will move the filter away resulting in clear **black and white images**.



# High Dynamic Range (120 dB)

- **Capture Every Detail:** The details of the images can be seen clearly even under high contrast lighting conditions.

Day time



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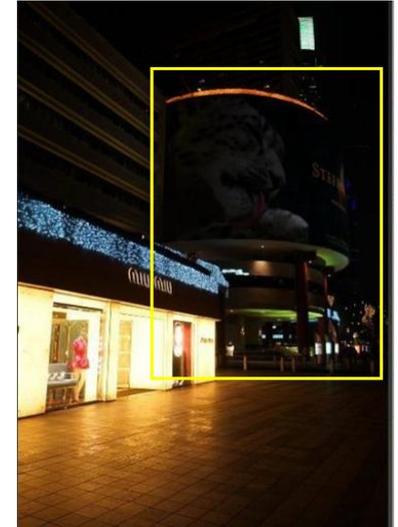


Other Camera

Night time



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Other Camera

# 2D/3D Noise Reduction

- **Dynamically Adjust the De-noise Value:** Surveon IR speed dome can detect the lux level and change its de-noise value to fit the day/night time automatically.

With 3DNR



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Without 3DNR



Other Camera

# Electrical Image Stabilizer (EIS)

- **Smooth Live Viewing:** Surveon IR speed dome equips electronic image stabilization function, ensuring smooth and comfortable live viewing when camera is subject to vibrations.

With EIS



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Without EIS



Other Camera

# High Reliability

- All **industrial-grade components**
- Trusted 3rd party lab certifications, 2-year warranty



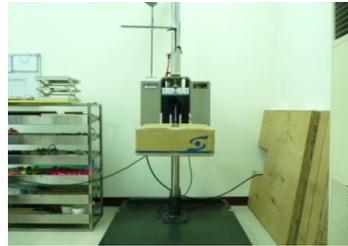
IK10 Test



IP66 Test



Temperature & Humidity Test



Drop Test



Vibration Test



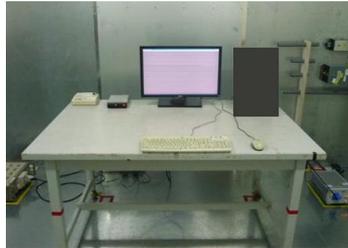
Altitude Chamber Test



Heating Test



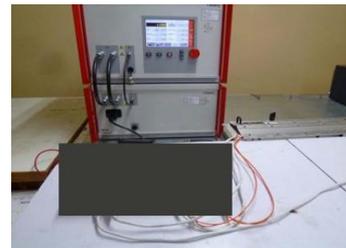
Radiated Emission



Conducted Emission



Harmonic & Flicker



EFT & Surge & Dip



Input Test

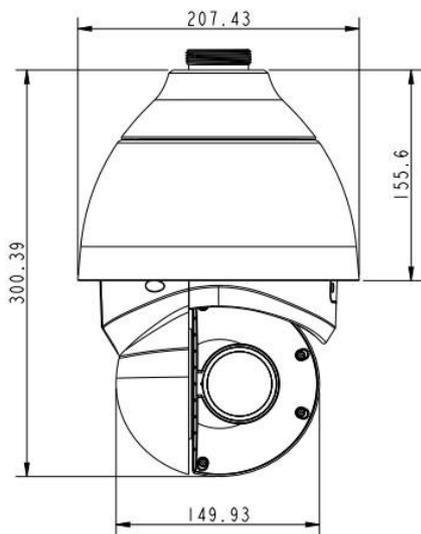
# Technical Information

# IR Speed Dome Models

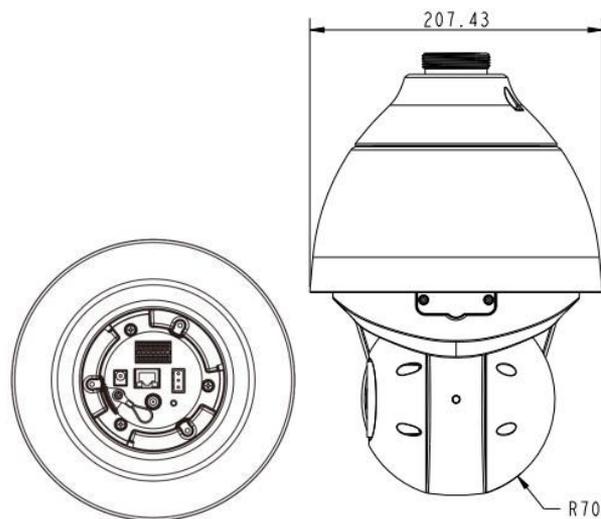
	CAM6471LZ-5	CAM6471EZ-5
Position	Surveon Premium Series Camera	
Form Factor	Speed Dome Camera	
Resolution	Up to 3 MP	
Image Sensor	1/2.8" Megapixel Sony Progressive CMOS	
Lens	f4.3 - 129 mm autofocus lens, F1.6	
IR LED	Max. 200M	N/A
Min Illumination	0.002 lux (B/W) 0.04 lux (Color)	
Iris Control	Automatic / Manual IRIS control	
Video Compression	H.265/H.264/MJPEG	
Video FPS	30 fps at 3 MP (2048 x 1536)	
Adv. Video Function	True Day & Night(ICR), HDR, 2D/3D De-noise, Electrical Image Stabilizer (EIS)	
Audio	2 Way Audio	
Local Storage	MicroSD/SDXC/SDHC	
Power	802.3at PoE+ / DC 12V / AC 24V	
Dimension	∅ 207.4 x 300.4 mm	∅192mm x 282mm
Weight	3.8 Kg	2.9 Kg
Certification	CE / FCC / RoHS / IP66	CE / FCC / RoHS / IP66 / IK10

# Hardware Overview – CAM6471LZ-5

Front Panel



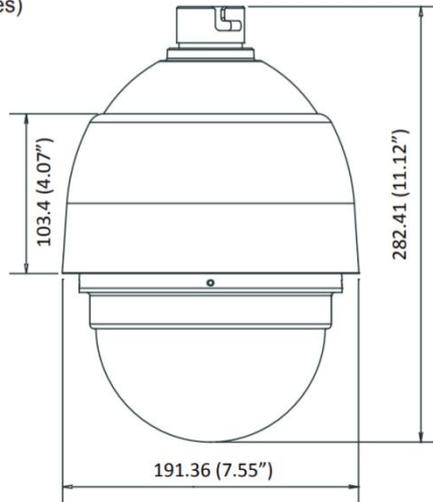
Rear Panel



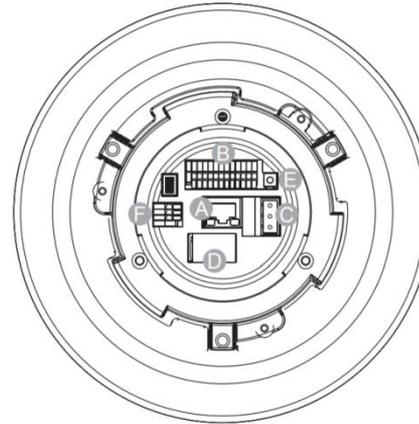
# Hardware Overview – CAM6471EZ-5

Front Panel

Unit:mm(inches)

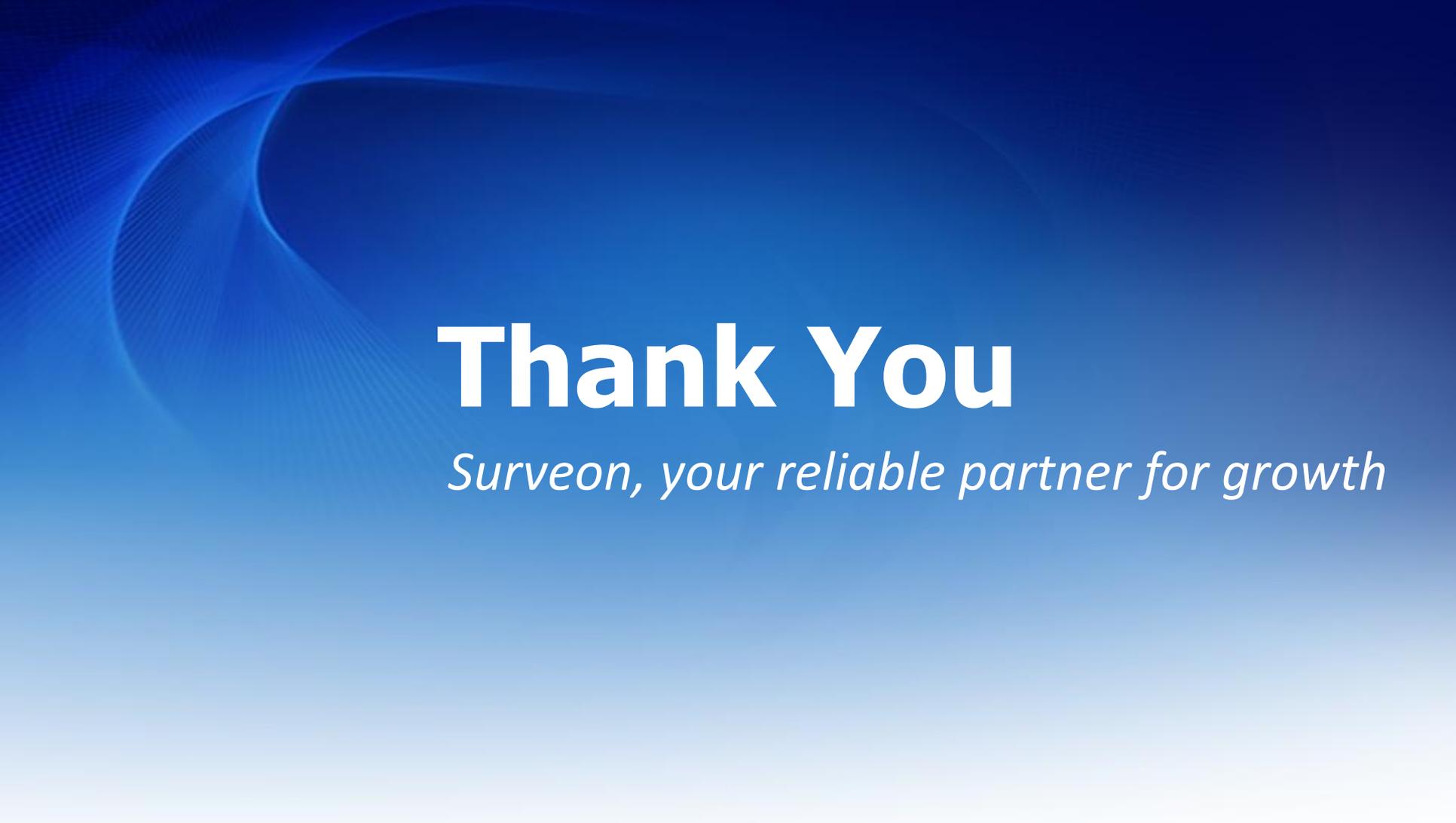


Bottom View



- A RJ-45 Connector
- B ALARM I/O
- C Power
- D microSDHC Card Slot
- E Factory Reset Button
- F Audio I/O

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The background features a gradient from dark blue at the top to light blue at the bottom. On the left side, there are abstract, flowing blue lines that create a sense of movement and depth. A subtle grid pattern is visible in the upper left quadrant, fading into the background.

# Thank You

*Surveon, your reliable partner for growth*