H.265 Speed Dome Network Cameras

Total Vision - All the Time

VIVOTEK's H.265 speed dome network cameras are outdoor-ready 1080p Full HD PTZ domes. These next-generation cameras are equipped with high-performance H.265/H.264/MJPEG compression, Smart Stream II, unique Vari-angle IR feature on IR illuminator (SD9363/64/65/66), and come equipped with advanced value-added features including WDR Pro, image defog and electronic image stabilization (EIS). Designed for easy installation and cabinet integration, these cameras are especially ideal for monitoring wide open areas and harsh environments, both indoor and outdoor, such as airports, highways and parking lots where high-level reliability and precision are desired.

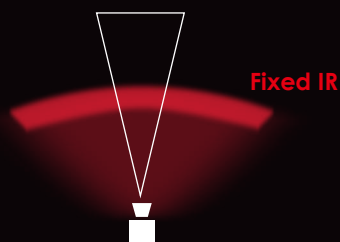# Brighter Night View More Consistent Illumination

H.265 IR Speed Dome Camera

VAIR (Vari-Angle IR) Technology

- Adjust IR angle smoothly
- Wide coverage of field of view
- No hot-spot issues
- Long-range illumination

Conventional IR

VIVOTEK's VAIR

Lens FOV

Lens FOV

VAIR

Fixed IR

H.265
+
Smart Stream II

Bandwidth

H.264

H.265 + Smart Stream II
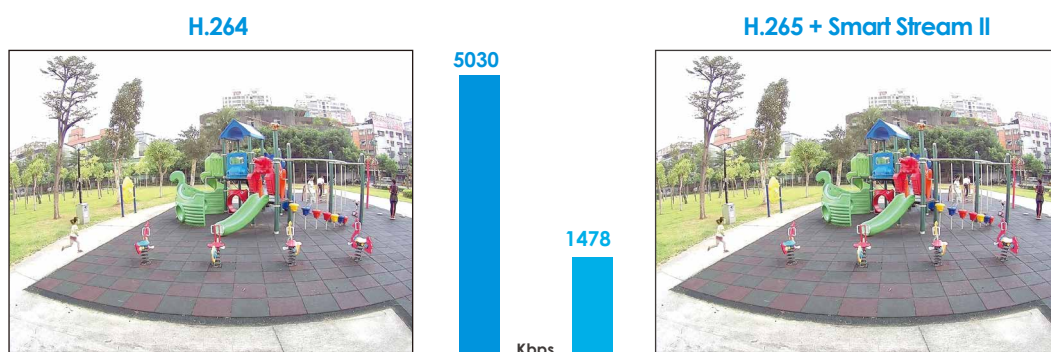### Reduce Bandwidth and Storage Usage by Up to 80%

High-performance Full HD Image with H.265 + Smart Stream II

Armed with a 20x/30x optical zoom lens, these H.265 Full HD speed dome cameras are able to capture details at top-notch quality. By combing both H.265 and VIVOTEK's Smart Stream II technology, which enable the cameras to optimize quality for desired regions and maximize efficiency of bandwidth usage, it is capable of reducing both bandwidth and storage consumption by up to 80% while maintaining the highest standard of image quality.

H.264

H.265 + Smart Stream II

5030

1478

Kbps

Combining both H.265 and VIVOTEK Smart Stream II, the camera can reduce bandwidth and storage consumption by up to 80%.

WDR Pro (Wide Dynamic Range)

Utilizing WDR Pro technology enables these H.265 cameras to capture details clearly under high-contrast lighting conditions where both dim and brightly lit areas are present in the field of view.

Without WDR Pro   **With WDR Pro**

EIS (Electronic Image Stabilization)

The incorporation of EIS technology enables the speed dome cameras to mitigate the effect of camera vibration due to high wind, ensuring a stable image.

EIS Off   **EIS On**

Defog

The defog feature enables the speed dome cameras to capture clear images under foggy conditions, exponentially enhancing operational performance.
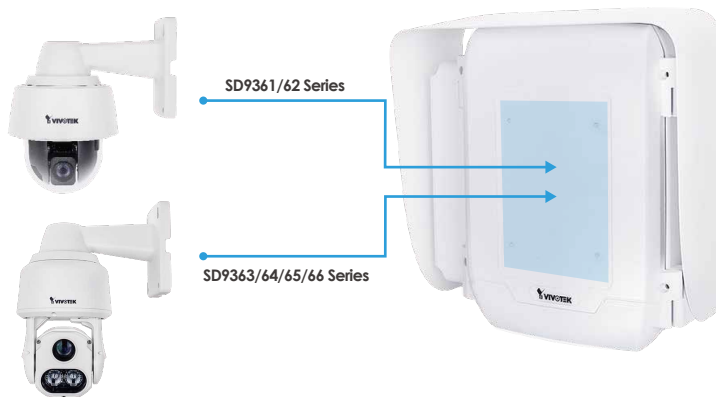

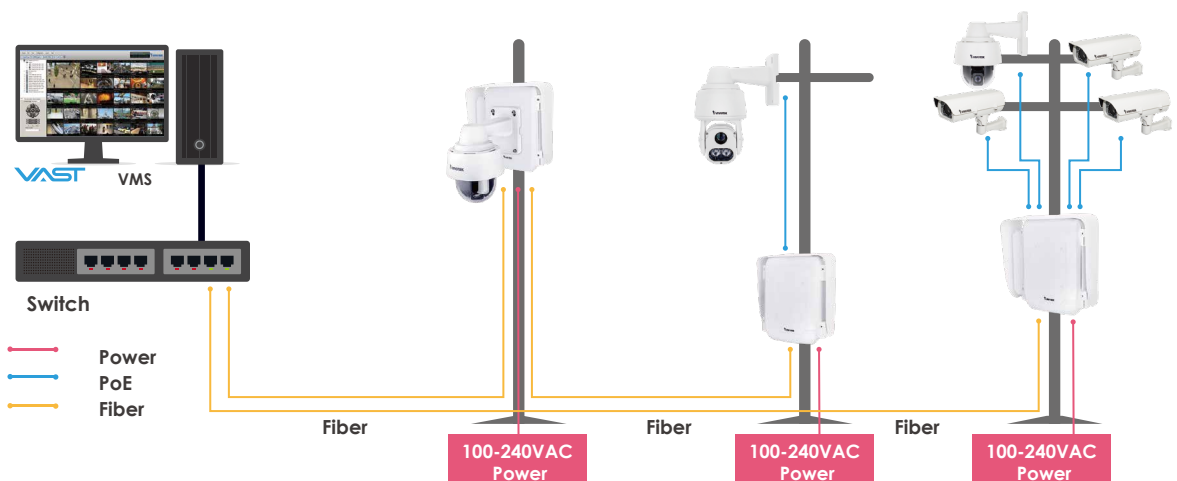**Without Defog**   **With Defog**

Easy to Install

• Complete Surveillance-Cabinet Solutions for Harsh Environments

VIVOTEK's AT-CAB/CAS Cabinet series is a complete outdoor-ready surveillance cabinet solution, purpose-built for VIVOTEK H.265 speed dome network cameras, providing easier installation and setup. They are water-proof IP66-rated, vandal-proof IK10-rated housing, and operate from -40℃ to 75℃ in the harshest environments. (more info at http://www.vivotek.com/cabinet)

• Compatible with VIVOTEK Speed Dome Cameras

SD9361/62 Series

SD9363/64/65/66 Series

• Multiple-Camera Application

VMS

Switch

Power
PoE
Fiber

Fiber

Fiber

Fiber

100-240VAC Power

100-240VAC Power

100-240VAC Power

H.265 2MP Outdoor Speed Dome Network Cameras

Model Name	SD9361-EHL	SD9362-EH	SD9362-EHL
Zoom Lens	20x, Auto Focus f= 4.7 ~ 94 mm, DC-iris	30x, Auto Focus f= 4.3 ~ 129 mm, DC-iris	30x, Auto Focus f= 4.3 ~ 129 mm, DC-iris
FOV	3° ~ 55° (H), 2° ~ 33° (V)	2° ~ 64° (H), 1° ~ 39° (V)	2° ~ 59° (H), 2° ~ 45° (V)
Mode	Day/Night	Day/Night	Day/Night
Min. Illumination	0.26 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W)	0.5 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W)	0.42 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W)
Max. Frame Rate	H.265/H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080	H.265/H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080	H.265/H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080
Multiple Streams	4 Streams	4 Streams	4 Streams
WDR Technology	WDR Pro	WDR Pro	WDR Pro
Power Input	60W UPoE, DC 24V, AC 24V	60W UPoE, DC 24V, AC 24V	60W UPoE, DC 24V, AC 24V
On-board Storage	MicroSD/SDHC/SDXC Card Slot	MicroSD/SDHC/SDXC Card Slot	MicroSD/SDHC/SDXC Card Slot
Housing	IP68, IK10, NEMA 4X	IP68, IK10, NEMA 4X	IP68, IK10, NEMA 4X
Dimensions	Ø 162 x 221 mm	Ø 162 x 221 mm	Ø 162 x 221 mm
Operating Temperature	-40°C ~ 55°C (-40°F ~ 131°F)	-40°C ~ 55°C (-40°F ~ 131°F)	-40°C ~ 55°C (-40°F ~ 131°F)

Model Name	SD9363-EHL	SD9364-EH	SD9364-EHL
Zoom Lens	20x, Auto Focus f= 4.7 ~ 94 mm, DC-iris	30x, Auto Focus f= 4.3 ~ 129 mm, DC-iris	30x, Auto Focus f= 4.3 ~ 129 mm, DC-iris
FOV	3° ~ 55° (H), 2° ~ 33° (V)	2.3° ~ 64° (H), 1.3° ~ 36° (V)	2° ~ 59° (H), 2° ~ 45° (V)
Mode	Day/Night, 150M IR	Day/Night, 250M IR	Day/Night, 150M IR
Min. Illumination	0.26 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W)	0.07 Lux @ F1.6 (Color) 0 Lux @ F1.6 (B/W)	0.42 Lux @ F1.6 (Color) 0.001 Lux @ F1.6 (B/W)
Max. Frame Rate	H.265/H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080	H.265/H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080	H.265/H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080
Multiple Streams	4 Streams	4 Streams	4 Streams
WDR Technology	WDR Pro	WDR Pro	WDR Pro
Power Input	95W PoH/PoE, DC 48V	95W PoH/PoE, DC 48V	95W PoH/PoE, DC 48V
On-board Storage	SD/SDHC/SDXC Card Slot	SD/SDHC/SDXC Card Slot	SD/SDHC/SDXC Card Slot
Housing	IP66, IK10, NEMA 4X	IP66, IK10, NEMA 4X	IP66, IK10, NEMA 4X
Dimensions	Ø 204 x 285 mm	Ø 204 x 285 mm	Ø 204 x 285 mm
Operating Temperature	-50°C ~ 55°C (-58°F ~ 131°F)	-50°C ~ 55°C (-58°F ~ 131°F)	-50°C ~ 55°C (-58°F ~ 131°F)

Model Name	SD9365-EHL	SD9366-EH	SD9366-EHL
Zoom Lens	20x, Auto Focus f= 4.7 ~ 94 mm, DC-iris	30x, Auto Focus f= 4.3 ~ 129 mm, DC-iris	30x, Auto Focus f= 4.3 ~ 129 mm, DC-iris
FOV	3° ~ 55° (H), 2° ~ 33° (V)	2.3° ~ 64° (H), 1.3° ~ 36° (V)	2.3° ~ 64° (H), 1.3° ~ 36° (V)
Mode	Day/Night, 150M IR	Day/Night, 250M IR	Day/Night, 150M IR
Min. Illumination	0.26 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W) 0 Lux with IR illumination on	0.07 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W) 0 Lux with IR illumination on	0.42 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W) 0 Lux with IR illumination on
Max. Frame Rate	H.265/H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080	H.265/H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080	H.265/H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080
Multiple Streams	4 Streams	4 Streams	4 Streams
WDR Technology	WDR Pro	WDR Pro	WDR Pro
Power Input	95W PoH/PoE, DC 24V, AC 24V	95W PoH/PoE, DC 24V, AC 24V	95W PoH/PoE, DC 24V, AC 24V
On-board Storage	MicroSD/SDHC/SDXC Card Slot	MicroSD/SDHC/SDXC Card Slot	MicroSD/SDHC/SDXC Card Slot
Housing	IP66, IK10, NEMA 4X	IP66, IK10, NEMA 4X	IP66, IK10, NEMA 4X
Dimensions	Ø 237 x 364 mm	Ø 237 x 364 mm	Ø 237 x 364 mm
Operating Temperature	-40°C ~ 55°C (-40°F ~ 131°F)	-40°C ~ 55°C (-40°F ~ 131°F)	-40°C ~ 55°C (-40°F ~ 131°F)

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