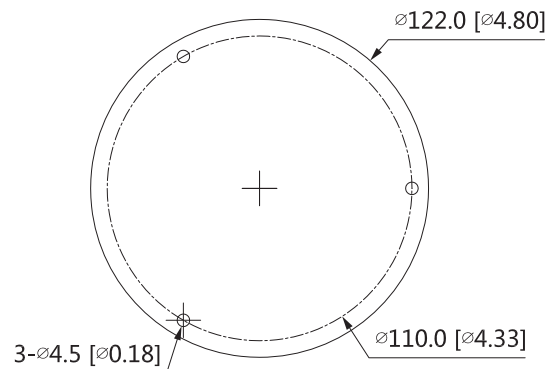
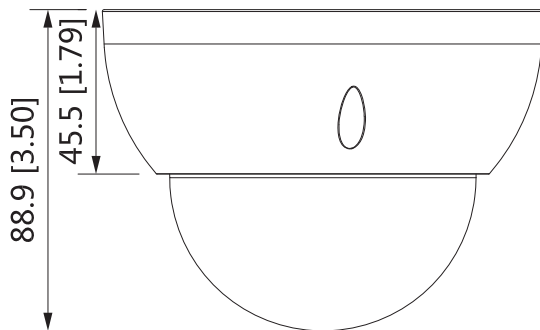


LITE VARIFOCAL DOME
GDR-VMS-4HDV-LT-D

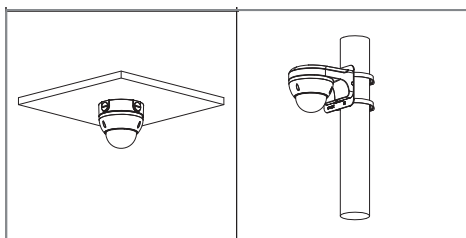
With upgraded H.265 encoding technology, the Guardiar Lite Varifocal Dome camera has efficient video encoding capacity, which saves bandwidth and storage space. This camera adopts the latest Starlight technology and displays better color image in the condition of low illumination. It supports SD card storage, has a dust-proof function, waterproof function and vandal-proof function, complying with the standards of IP67 and IK10.

FEATURES:

- > Advanced scene-adaptive rate control algorithm.
- > Advanced Wide Dynamic Range (WDR) technology.
- > Starlight technology - clear colorful video in low illuminated environments.
- > Advanced video algorithm for tripwire and intrusion.
- > Cyber Security - defense and data protection, preventing malicious programs from invading devices.
- > Protection from water, dust and vandals (IP67 and IK10)



MOUNT OPTIONS



Junction Mount
GDR-VMS-JB-D

Pole Mount
GDR-VMS-PM

LITE VARIFOCAL DOME GDR-VMS-4HDV-LT-D

CAMERA

Image Sensor	1/3" 4Megapixel progressive CMOS
Max. Resolution	2688 (H) × 1520 (V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s
Min. Illumination	0.008 Lux @ F1.5
S/N Ratio	>56 dB
Illumination Distance	40 m (131.23 ft)
Illuminator On/Off Control	Auto/Manual
Illuminator Number	2 (IR LED)
Pan/Tilt/Rotation Range	Horizontal: 0°–355° Vertical: 0°–75° Rotation: 0°–355°

LENS

Lens Type	Motorized vari-focal				
Focal Length	2.7 mm–13.5 mm				
Max. Aperture	F1.5				
Field of View	Horizontal: 104°–27° Vertical: 55°–15° Diagonal: 124°–31°				
Iris Type	Fixed				
Close Focus Distance	0.8 m–0.8 m (2.62 ft–2.62 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	64 m (209.97 ft)	25.6 m (83.99 ft)	12.8 m (41.99 ft)	6.4 m (21 ft)
	T	220 m (721.78 ft)	88 m (288.71 ft)	44 m (144.36 ft)	22 m (72.18 ft)

SMART EVENT

IVS	Tripwire; intrusion
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VIDEO

Video Compression	H.265; H.264; H.264B; MJPEG (only supported by the sub stream)
Smart Codec	Smart H.265+/ Smart H.264+
Video Frame Rate	2688 × 1520 (1 fps–20 fps) 2560 × 1440 (1 fps–25/30 fps)
Main stream:	2688 × 1520 (1 fps–20 fps) 2560 × 1440 (1 fps–25/30 fps)
Sub stream:	704 × 576 (1 fps–25 fps) 704 × 480 (1 fps–30 fps)
Stream Capability	2 streams
Resolution	2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps
Day/Night	Auto(ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	120 dB
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest(RoI)	Yes (4 areas)
Smart Illumination	Yes
Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 2688 × 1520 resolution and lower.)
Mirror	Yes
Privacy Masking	Privacy Masking

POWER

Power Supply	12V DC/PoE (802.3af) < 6.5W
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ENVIRONMENT

Operating Conditions	-30°C to +60°C (-22°F to +140°F)/less than ≤ 95% RH
Protection	IP67; IK10

SIZE AND WEIGHT

Dimensions	φ122 mm × 88.9 mm (φ4.80" × 3.50")
Weight	0.47 kg (1.04 lb)

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