

XVI

MEGAPIXEL VIDEO

CE FC



XVI-80BMDA

4K Starlight HDCVI Motorized Vari-focal IR Bullet

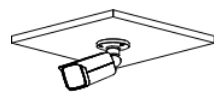
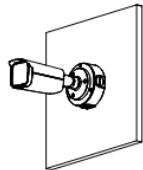
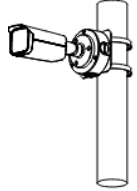


KEY FEATURES:

- Max. 15 fps@4K.
- Starlight, 120 dB true WDR, 3D NR.
- Smart IR Illumination.
- 80 m illumination distance.
- Super Adapt.
- Built-in MIC.
- Auto focus, 2.7 mm–13.5 mm motorized lens.
- CVI/CVBS/AHD/TVI switchable.
- IP67, 24 VAC/12 VDC.



FREE Multisite VMS software
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Ceiling Mount	Junction Mount	Pole Mount Vertical
		

Optional Brackets



BRACK-BB-37



CAMERA	
Image Sensor	4K CMOS
Effective Pixels	3840 (H) × 2160 (V)
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/3 s–1/100000 s NTSC: 1/4 s–1/100000 s
Min. illumination	0.001 lux@F1.5 (Color, 30 IRE) 0.0001 lux@F1.5 (B/W, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>65 dB
Illumination Distance	80 m (262.47 ft)
Illuminator On/Off Control	Auto
Illuminator Number	4 (IR light)
Pan/Tilt/Rotation	Pan: 0°–360° Tilt: 0°–90° Rotation: 0°–360°

LENS	
Lens Type	Motorized Vari-focal
Auto Focus	Yes
Lens Mount	φ14
Focal Length	2.7 mm–13.5 mm
Max. Aperture	F1.5
Angle of View	H: 113°–47°; V: 60°–26°; D: 133°–53°
Iris Control	Fixed
Close Focus Distance	1.2 m (3.94 ft)

DORI DISTANCE				
Lens	Detect	Observe	Recognize	Identify
2.7 mm	83.4 m (273.62 ft)	33.4 m (109.58 ft)	16.7 m (54.79 ft)	8.3 m (27.23 ft)
13.5 mm	189.6 m (622.05 ft)	75.8 m (248.69 ft)	37.9 m (124.34 ft)	19.0 m (62.34 ft)

PORT	
Audio Input	One channel built-in MIC
Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port (DIP Switch)

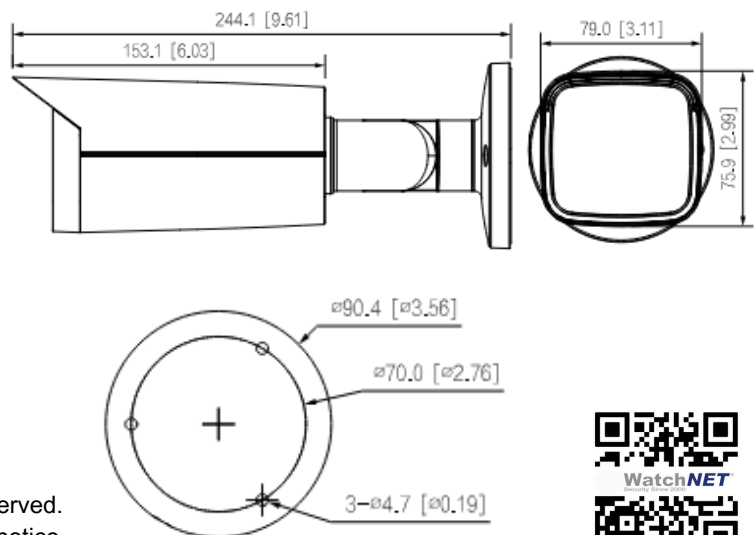
CERTIFICATION	
Certifications	CE-LVD: EN 62368-1; CE-EMC: EN 55032; EN 55035; FCC: 47 CFR FCC Part 15, Subpart B; UL: UL62368-1 + CAN/CSA C22.2 No. 62368-1-14

POWER	
Power Supply	12 VDC ± 10%; 24 VAC ± 25%
Power Consumption	Max 13.9 W (12 VDC, IR on)

VIDEO	
Video Frame Rate	CVI: PAL: 4K@15 fps; 5M@25 fps; 4M@25 fps NTSC: 4K@15 fps; 5M@25 fps; 4M@30 fps AHD: PAL: 4K@15 fps; NTSC: 4K@15 fps TVI: PAL: 4K@15 fps; NTSC: 4K@15 fps CVBS: PAL: 960H; NTSC: 960H
Resolution	4K (3840 × 2160); 5M (2880 × 1620); 4M (2560 × 1440); 960H (960 × 576/960 × 480)
Day/Night	Auto(ICR)/Color/B/W
BLC	BLC; HLC; WDR; HLC-Pro
WDR	120 dB
White Balance	Auto; Area white balance
Gain Control	Auto/Manual
Noise Reduction	3D NR
Illumination Mode	Smart IR
Defog	Electronic defog
Digital Zoom	4×
Mirror	Yes
Privacy Masking	Off/On (8 areas, rectangle)

ENVIRONMENT	
Operating Temperature	–30 °C to +60 °C (–22 °F to +140 °F)
Operating Humidity	<95% (RH), non-condensing
Storage Temperature	–30 °C to +60 °C (–22 °F to +140 °F)
Storage Humidity	<95% (RH), non-condensing
Protection	IP67

STRUCTURE	
Casing Material	Metal
Product Dimensions	244.1 mm × 90.4 mm × 90.4 mm (9.61" × 3.56" × 3.56")
Net Weight	0.82 kg (1.81 lb)
Gross Weight	1.13 kg (2.49 lb)
Installation	Wall mount; ceiling mount; vertical pole mount



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*All product specifications on this brochure are subject to change without notice.

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