



**XVI-80VDFA**

## 4K HDCVI Fixed IR Dome Camera



### KEY FEATURES:

- Max. 15 fps@4K.
- 120 dB true WDR, 3D NR.
- Smart IR Illumination.
- 40 m illumination distance.
- 2.8 mm focal length
- CVI/CVBS/AHD/TVI switchable.
- IP67, IK10, 12 VDC.

CAMERA	
Image Sensor	4K CMOS
Pixels	8 MP
Max. Resolution	3840 (H) × 2160 (V)
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25 s–1/100000 s NTSC: 1/30 s–1/100000 s
Min. illumination	0.01 lux@F2.0 (Color, 30 IRE) 0.001 lux@F2.0 (B/W, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>65 dB
Illumination Distance	40 m (131.23 ft)
Illuminator On/Off Control	Auto / Manual
Illuminator Number	3 (IR LED)
Pan/Tilt/Rotation	Pan: 0°–355° Tilt: 0°–75° Rotation: 0°–355°

LENS	
Lens Type	Fixed-focal
Lens Mount	M12
Focal Length	2.8 mm
Max. Aperture	F2.0
Angle of View	H: 106°; V: 56°; D: 125
Iris Control	Fixed
Close Focus Distance	1.3 m (4.27 ft)

DORI DISTANCE				
	Detect	Observe	Recognize	Identify
LENS	88 m (288.71 ft)	35.2 m (115.49 ft)	17.6 m (57.74 ft)	8.8 m (28.87 ft)

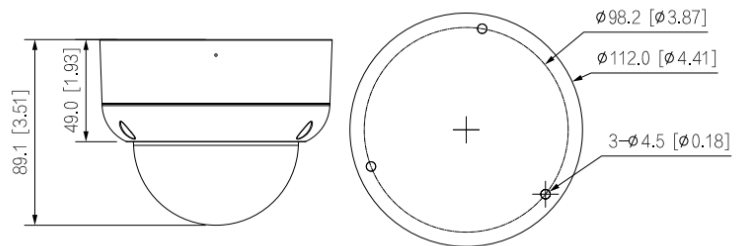
ENVIRONMENTAL	
Operating Temperature	–40 °C to +60 °C (–40 °F to +140 °F)
Operating Humidity	<95% (RH), non-condensing
Storage Temperature	–40 °C to +60 °C (–40 °F to +140 °F)
Protection	IP67; IK10

STRUCTURE	
Casing	Metal
Product Dimensions	Φ112.0 mm × 89.1 mm (Φ4.41" × 3.51")
Packaging Dimensions	147 mm × 138 mm × 135 mm (5.79" × 5.43" × 5.31")
Net Weight	0.45 kg (0.99 lb)
Gross Weight	0.64 kg (1.41 lb)
Installation	Wall mount; ceiling mount; vertical pole mount

VIDEO	
Resolution	4K (3840 × 2160); 5M (2880 × 1620); 4M (2560 × 1440); 1080p (1920 × 1080); 960H (960 × 576/960 × 480)
Frame Rate	CVI: PAL: 4K@15 fps; 5M@25 fps; 4M@25 fps; 1080p@25 fps NTSC: 4K@15 fps; 5M@25 fps; 4M@30 fps; 1080p@30 fps TVI: PAL: 4K@15 fps NTSC: 4K@15 fps AHD: PAL: 4K@15 fps NTSC: 4K@15 fps CVBS: PAL: 960H NTSC: 960H
Day/Night	Auto(ICR)/Color/B/W
BLC Mode	BLC; HLC; WDR; HLC-Pro
WDR	120dB
Gain Control	Auto/Manual
Noise Reduction	3D NR
White Balance	Auto; Area white balance
Defog	Electronic defog
Mirror	Yes
Privacy Masking	Off/On (8 areas, rectangle)

PORT	
Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port

POWER	
Power Supply	12 VDC ± 30%
Power Consumption	Max 4.2 W (12 VDC, IR on)



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

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