

XVI ENHANCED CVI

MegaPixel over UTP/Coax



XVI-50VDV-IRV



5MP CVI IR Dome Camera

Features:

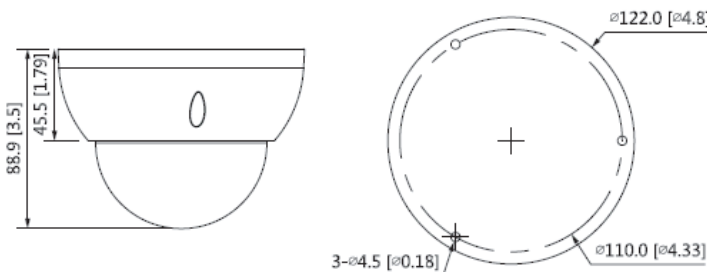
- 1/2.7" 5 Megapixel progressive scan CMOS
- DC 12V ±30%
- Max. 25 fps@5MP (16:9 video output)
- DWDR, 2DNR
- CVI/CVBS/AHD/TVI switchable
- 2.7mm–12mm motorized lens
- Max. IR LEDs length 30m/98.4ft
- IP67, IK10, Smart IR
- Multiple network monitoring:
Built-in web server & Multifunction VMS
- Smart phones compatible, when using compatible DVR



FREE Multisite VMS software
Download from www.watchnetinc.com



Ceiling Mount BRACK-PM-06	Junction Back Box BRACK-BB-48	Wall Mount BRACK-WM-48



Optional Brackets		
BRACK-PM-06 Ceiling Mount	BRACK-BB-48 Junction Back Box	BRACK-WM-48 Wall Mount

Model	XVI-50VDV-IRV
Camera	
Image Sensor	1/2.7 5 Megapixel progressive scan CMOS
Effective Pixels	2880 (H) × 1620 (V)
Min. Illumination	0.005 Lux/F1.6, 30IRE, 0 Lux IR on
S/N Ratio	More than 65dB
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25 s–1/100,000 s NTSC: 1/30 s–1/100,000 s
Illuminator On/Off Control	Auto; manual
IR Distance	30m (98.4ft)
IR LEDs	2
Lens	
Lens Type	Motorized vari-focal
Focal Length	2.7mm–12mm
Max. Aperture	F1.6
Mount Type	φ14
Angle of View	Diagonal: 39°–130° / Horizontal: 34°–107° / Vertical: 19°–55°
Iris Type	Fixed iris
Close Focus Distance	0.5m (1.64ft)
Auto Focus	N/A
Video	
Resolution	5M (2880 × 1620); 4M (2560 × 1440); 1080p (1920 × 1080); 960H (960 × 576/960 × 480)
Frame Rate	CVI: PAL: 5M@25 fps; 4M@25 fps; 1080P@25 fps NTSC: 5M@25 fps; 4M@30 fps; 1080P@30 fps AHD: PAL: 4M@25 fps; NTSC: 4M@30 fps TVI: PAL: 4M@25 fps; NTSC: 4M@30 fps CVBS: PAL: 960H; NTSC: 960H
Day/Night	Auto switch by ICR
Smart Illumination	Yes
BLC Mode	BLC/HLC/DWDR
WDR	DWDR
Gain Control	Auto / Manual
Noise Reduction	2D NR
White Balance	Auto / Manual
Smart IR	Yes
Mirror	Off/On
Privacy Masking	Off/On (8 areas, rectangle)

DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.7mm	69m (226.37ft)	27.6m (90.55ft)	13.8m (45.27ft)	6.9m (22.63ft)
	12mm	191.6m (628.6ft)	76.64m (251.44ft)	38.32m (125.72ft)	19.16m (62.86ft)
Port					
Video Output		Video output choices of CVI/TVI/AHD/CVBS by one BNC port			
Electrical					
Power Supply		DC 12V ±30%			
Power Consumption		Max 5.5W (12V DC, IR on)			
Environmental					
Operating Conditions		-30°C ~ +60°C (-22°F ~ +140°F) < 95% (non-condensation)			
Storage Conditions		-30°C ~ +60°C (-22°F ~ +140°F) < 95% (non-condensation)			
Protection Grade		IP67, IK10			
Construction					
Casing		Metal throughout the whole casing			
Dimensions		φ122mm × 88.9mm (φ4.8" × 3.5")			
Net Weight		0.47kg (1.04lb)			
Gross Weight		0.64kg (1.40lb)			

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