

WatchNET®

Security Since 2000

MegaPixel Camera

4K

XVI

ENHANCED CVI
MegaPixel over UTP/Coax



XVI-80IRBT
4K HD CVI IR Turret Camera



CE FC



8MP HD IR Camera

- 1/2.7 inch CMOS IR Turret Camera
- 120dB True WDR, 3DNR
- Max. 4K resolution
- CVI/CVBS/AHD/TVI switchable
- 3.6mm Fixed lens
- Max. IR length 50m/164ft, Smart IR
- IP67, 12V±30%DC



FREE Multisite VMS software
Download from www.watchnetinc.com

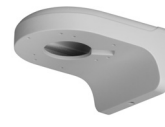
Optional Brackets:



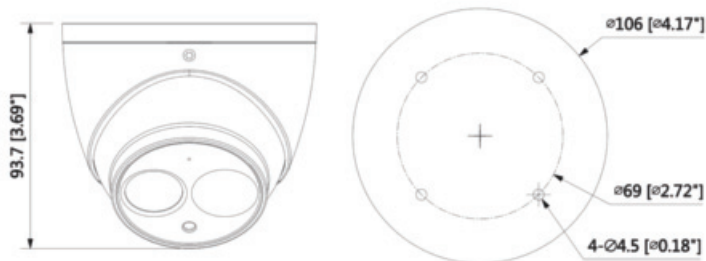
BRACK-PM-06



BRACK-BB-43



BRACK-WM-49



iPhone



www.watchnetinc.com

Model	XVI-80IRBT
Camera	
Image Sensor	1/2.7" 5MP HD CMOS Image Sensor
Effective Pixels	3840 (H) x 2160 (V), 4K
Electronic Shutter Speed	PAL: 1/3s-1/100000s / NTSC: 1/4s-1/100000s
Minimum Illumination	0.03Lux/F2.0, 30IRE, 0Lux IR on
IR Distance	Up to 50m (164ft)
IR On/Off Control	Auto / Manual
IR LEDs	1
Lens	
Lens Type	Fixed-focal
Mount Type	M12
Focal Length	3.6mm fixed
Max Aperture	F2.0
Angle of View	104°×87°×47° (diagona x horizontal x vertical)
Iris type	Fixed Iris
Close Focus Distance	1.8m / 3.6m (3.28ft / 5.91ft / 11.81ft)
Video	
Resolution	4K (3840×2160); 5M (2592×1944); 4M (2560×1440); 960H (960× 576/960×480)
Frame Rate	20fps@5MP, 25/30fps@4MP, 25/30fps@1080P
Day/Night	Auto switch by ICR
BLC	BLC / HLC / WDR(120dB)
White Balance/Gain Control	Auto; manual
Noise Reduction	2D & 3DNR
Smart IR	Yes
Electronic Defog	Yes
Digital Zoom	4X
Mirror	Off/On
Privacy Masking	Off/On (8 area, rectangle)
Port	
Audio Port	N/A
Video Port	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Electrical	
Power Supply	12V DC ±30%
Power Consumption	Max 4.5W (12V DC, IR on)
Environmental	
Operating Conditions	-40°C ~ +60°C (-40°F ~ +140°F) <95% (non-condensation)
Storage Conditions	-40°C ~ +60°C (-40°F ~ +140°F) <95% (non-condensation)
Ingress Protection	IP67
Construction	
Casing	Metal throughout the whole casing
Dimensions	Φ106mm×93.7mm (Φ4.17"×3.69")
Net Weight	470g (1.04lb)
Gross Weight	620g (1.37lb)

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