WatchNET
Security Since 2000

MegaPixel Camera

4K

XVI ENHANCED CVI

MegaPixel over UTP/Coax



XVI-80T

4K HD CVI IR Turret Camera

RoHS LEAD FREE

CE

IP67 | IR | Day / Night | WDR

8MP Dual Light Camera

- 8 MP CMOS Turret Camera
- True WDR, 3DNR
- Max. 4K resolution
- CVI/CVBS/AHD/TVI switchable
- **2.8**mm Fixed lens
- Max. IR/warm light illumination length 40m/13ft
- IP67, 12V±30%DC

Optional Brackets:



BRACK-PM-06

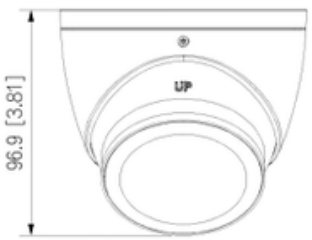


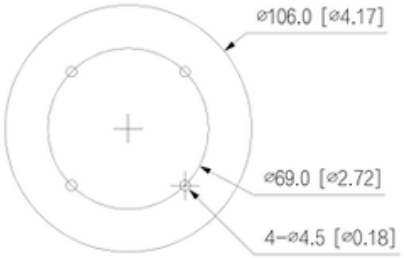
BRACK-BB-43



BRACK-WM-49

mm [inch]





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Model	XVI-80T
Camera	
Image Sensor	4K HD CMOS Image Sensor
Effective Pixels Electronic	3840 (H) x 2160 (V), 4K
Shutter Speed Minimum	PAL: 1/25s-1/100,000s / NTSC: 1/30s-1/100,000s
Illumination	0.01Lux/F2.0, 30IRE, 0Lux IR on
Illuminator Distance	Up to 40m (131ft) IR warm Light
Illuminator On/Off Control	Auto / Manual
Illuminator number	1
Lens	
Lens Type	Fixed-focal
Mount Type	M12
Focal Length	2.8mm fixed
Max Aperture	F2.0
Angle of View	Horizontal: 105.5°,Vertical:56.5°, Diagonal:125.3°
Iris type	Fixed Iris
Close Focus Distance	1.3m(4.27ft)
Video	
Resolution	4K (3840×2160), 960H (960× 576/960×480)
Frame Rate	4K@15fps
Day/Night	Auto switch by ICR
BLC	BLC / HLC / WDR(120dB)
White Balance/Gain	Auto; manual
Control Noise	2D & 3DNR
Reduction	Yes
Smart IR	Yes
Electronic Defog	4X
Digital Zoom	Off/On
Mirror	Off/On (8 area, rectangle)
Privacy Masking	
Port	
Audio Port	Built-in Mic
Video Port	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Electrical	
Power Supply	12V DC ±30%
Power Consumption	Max 7.2W (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×96.9mm (Φ4.17"×3.81")
Net Weight	0.48 kg (1.06lb)
Gross Weight	620g (1.37lb)

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CANADA
351 Ferrier St. Unit 5
Markham, Ontario L3R 5Z2
Tel. +1-416-410-6865
Toll Free: 1-866-843-6865

USA
417 Old Falls Blvd.
N. Tonawanda, NY 14120
Tel. +1-716-877-7277
Toll Free: 1-866-843-6865

MIDDLE EAST
PO Box No 126312
Suite 703 Oxford Tower
Business Bay, Dubai, UAE
Tel. + 971-4-2767117

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info@watchnetinc.com
www.watchnetinc.com