WatchNET®
Security Since 2000

MegaPixel Camera

SENSEFIER
Ultra low light enhancement

XVI-80IRBVMTD

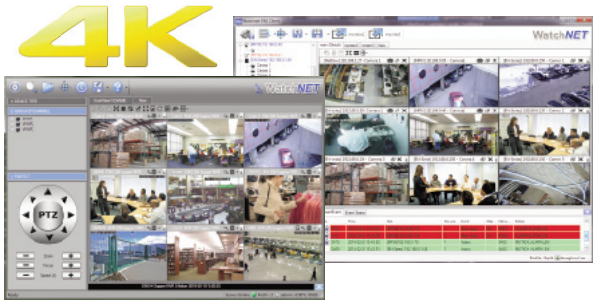
XVI ENHANCED CVI
MegaPixel over UTP/Coax

RoHS LEAD FREE
CE FC

PRO SERIES

IR | WDR | Day / Night | Motorized Lens | IP67 | AC24V / DC12V Dual Voltage

4K XVI IR Turret Camera



FREE Multisite VMS Software
Download from www.watchnetinc.com

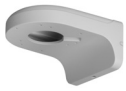
8MP HD IR Camera

- 3.7mm - 11mm motorized lens
- IP67, Dual voltage-AC24V/DC12V±30%
- Max 4K resolution
- Max. IR LEDs length Up to 60m/197ft
- 120dB true WDR, 2D/3D
- 1/2" 8MP CMOS image sensor
- Day/Night(ICR), AWB, AGC, BLC
- Smart IR, HD/SD switchable
- Multiple network monitoring:
  Built-in web server & Multifunction VMS

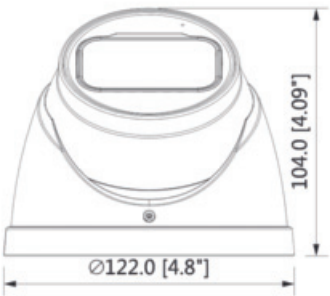
Optional Brackets:

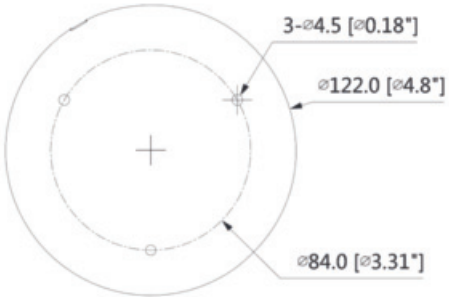
BRACK-PM-06

BRACK-BB-48



BRACK-WM-48





www.watchnetinc.com

Model	XVI-80IRBVMTD
Camera	
Image Sensor	1/2" 8MP CMOS Image Sensor
Effective Pixels	3840(H)×2160(V), 8MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/4s~1/100,000s / NTSC: 1/3s~1/100,000s
Minimum Illumination	0.005Lux/F1.5, 30IRE, 0Lux IR on
S/N Ratio	More than 65dB
IR Distance	Up to 60m (197ft), Smart IR
IR On/Off Control	Auto / Manual
IR LEDs	2
Lens	
Lens Type	Motorized lens
Mount Type	Board-in
Focal Length	3.7mm - 11mm
Max Aperture	F1.5
Angle of View	H: 112° ~ 46°
Focus Control	Auto / Manual
Close Focus Distance	200mm / 7.87"
Video	
Resolution	8MP (3840×2160)
Frame Rate	15fps@4K, 20fps@6MP, 25/30fps@4MP
Video Output	1-channel BNC high definition video output / CVBS video output (DIP switch)
OSD Menu	Multi-language
BLC Mode	BLC / HLC / WDR
WDR	120dB
Gain Control	AGC
Noise Reduction	2D / 3D
White Balance	Auto / Manual
Smart IR	Auto / Manual
Interface	
Audio Interface	1ch in & Built-in Mic (optional)
Electrical	
Power Supply	AC 24V±30% / DC 12V±30%
Power Consumption	Max 12W (IR on)
Environmental	
Operating Conditions	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH, * Start up should be done at above -30°C (-22°F)
Ingress Protection	IP67
Storage Conditions	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
Power Consumption	
Casing	Aluminum
Dimensions	Φ122mm x 107mm (Φ4.8" x 4.13")
Net Weight / Gross Weight	0.63kg (1.39lb) / 0.83kg (1.83lb)

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