

# WatchNET®

Security Since 2000

## MegaPixel Camera

# XVI

ENHANCED CVI  
MegaPixel over UTP/Coax



XVI-211RBT / XVI-211RBT-B



### 2.1MP IR Turret Camera



#### 2.1MP HD IR Camera

- ❖ 1/2.7" 2.1MP HD CMOS image sensor
- ❖ 12V ±30% DC, IP67
- ❖ 2.8mm fixed lens
- ❖ CVI/XVI/CVBS/AHD/TVI switchable
- ❖ Max 30fps@1080P
- ❖ Day/Night(ICR), AWB, AGC, BLC, 2DNR
- ❖ -40°C to +60°C (-40°F to +140°F)
- ❖ Max. IR LEDs length 50m/164ft, Smart IR
- ❖ High speed, long distance real-time transmission
- ❖ Multi-language OSD



FREE Multisite VMS software  
Download from [www.watchnetinc.com](http://www.watchnetinc.com)

Optional Brackets:



BRACK-WM-49



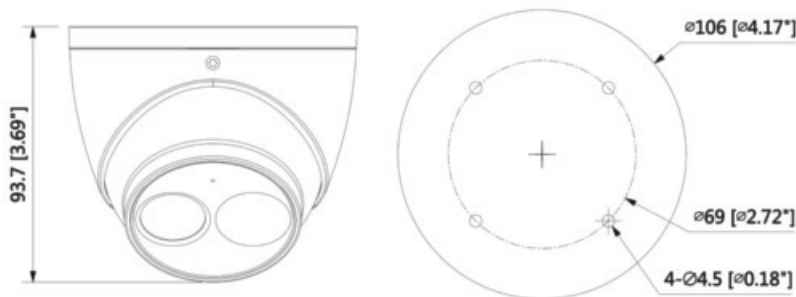
BRACK-BB-43



BRACK-BB-43-B



BRACK-PM-06



iPhone



www.watchnetinc.com



Model	XVI-21IRBT / XVI-21IRBT-B
<b>Camera</b>	
Image Sensor	1/2.7 inch CMOS Image Sensor
Effective Pixels	1920(H)×1080(V), 2.1MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25~1/100000s NTSC: 1/30~1/1000
Min. Illumination	0.02Lux/F1.9, 30IRE, 0Lux IR on
S/N Ratio	More than 65dB
IR Distance	Up to 50m (164ft)
IR On/Off Control	Auto / Manual
IR LED	1
<b>Lens</b>	
Lens Type	Fixed lens / Fixed iris
Mount Type	M12
Focal Length	2.8mm
Max Aperture	F1.9
Angle of View	119° x 101° x 54° (diagonal x horizontal x vertical)
Close Focus Distance	0.5m (1.7ft)
<b>Video</b>	
Frame Rate	CVI: 1080P@25/30fps; 720P@25/30fps; 720P@50/60fps; AHD: 1080P@25/30fps; 720P@25/30fps; TVI: 1080P@25/30fps; 720P@25/30fps; 720P@50/60fps; CVBS: 960H
Resolution	1080P (1920×1080); 720P (1280×720); 960H (960× 576/960×480)
Day/Night	Auto switch by ICR
BLC	BLC/HLC/D-WDR
WDR	D-WDR
Gain Control	Auto / Manual
Noise Reduction	2D NR
Smart IR	Yes
Electronic Defog	Yes
Mirror	Off/On
Privacy Masking	Off/On (8 area, rectangle)

Port	
Audio Output	N/A
Video Output	Video output choices of CVI/XVI/TVI/AHD/CVBS by one BNC port
<b>Power</b>	
Power Supply	12V ±30% DC
Power Consumption	Max 3.2W (12V DC, IR on)
<b>Environmental</b>	
Operating Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 95% RH (non-condensation)
Storage Temperature	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 95% RH (non-condensation)
Ingress Protection	IP67
<b>Construction</b>	
Casing	Metal throughout the whole casing
Dimensions	Φ106mm×93.6mm (Φ4.17"×3.69")
Net Weight	0.44kg (0.97lb)
Gross Weight	0.59kg (1.3lb)

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Sept. 22, 2020

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