



### Conventional Zoom



### VITEK Zoom with OBI



**VITEK OBI Technology** intelligently tracks motion, then zooms in to capture motion, even if it's not in the center of the frame!



*New & Improved Mount for Ease of Installation*

### FEATURES

- 1/2.9" Sony® CMOS
- 2.1 MegaPixel With full 1080p/720p HD-SDI Output (SMPTE 292M)
- Up to 30fps live view@ 1920x1080 (1080p)
- MegaPixel IR Corrected 3-9mm (VTC-BHOCRAZ39) / 9-22mm (VTC-BHOCRAZ922) Varifocal Lens
- Mechanical IR Cut Filter (True Day/Night)
- 16:9 Video format
- On-board Intelligence (OBI Technology) delivers Auto-Focus-Zoom by tracking motion, then optically zooming into that area of the frame
- Fully programmable advanced WDR
- 40 850nm IR LEDs with up to 150' IR range
- Integrated Cooling Fan
- Advanced OSD Functions: Motion Activated Pointing Zoom, Defog, Dynamic IR, BLC/HLC, Motion Deblur, Pixel Defect Compensation, Title Set, Mirror, Flip
- 100% Pure Digital Transmission of video data
- Up to 700' HD Transmission Range (Depending on cable characteristics and integrity)
- Heavy Duty IP68 rated weather/vandal resistant aluminum construction
- 12VDC / 24VAC Dual Voltage Operation

Detailed Specifications	VTC-BHOCRAZ39	VTC-HBOCRAZ922
Sensor	1/2.9" Sony® CMOS	
Resolution	2.1 MegaPixel (1080p / 720p)	
S/N	More than 50 dB (AGC Off)	
Video Output	1x HD-SDI (BNC)	
IR Illuminators	40 IR LEDs	
IR Color Temp.	850nm	
IR Range	150'	
Dynamic Intensity IR LEDs	YES	
Lens	MegaPixel IR Corrected 3-9mm Varifocal Zoom	MegaPixel IR Corrected 9-22mm Varifocal Zoom
Auto Focus Zoom	YES - 3x Smart Motion Zoom	YES - 2.4x Smart Motion Zoom
Digital Zoom	0 ~ x32	
Minimum Illumination	0.0008 Lux (@AGC Max. DSS x2)	
Day/Night	Mechanical IR Cut Filter (True Day/Night)	
Electronic shutter speed	Auto (1/ 30sec ~ 1/ 60,000sec)	
White Balance	ATW / One Push / Manual	
Brightness	YES	
DSS (Sens-Up)	OFF / AUTO / X2 ~ X32	
DNR	3D-DNR	
WDR	YES	
Privacy	YES (10 Zones)	
Motion Detection	YES	
Advanced OSD Functions	Motion Activated Pointing Zoom, Defog, Dynamic IR, BLC/HLC, Motion Deblur, Pixel Defect Compensation, Title Set, Mirror, Flip	
Communication	RS-485 (Pelco® D/P)	
HD Transmission Range	Up to 700' (Depending on cable characteristics and integrity)	
Weather Resistance Rating	IP-68	
Cooling Fan	Built-In Cooling Fan	
Operating Conditions	-22°-122°F (-30°-50°C) < 80% RH	
Input Voltage	12VDC / 24VAC (Dual Voltage)	
Power Consumption (12VDC)	650mA (7.8Watt)	
Power Consumption (24VAC)	500mA (6Watt)	
Dimensions	4.375" x 3.875" x 10.875" (W x H x D)	



#### AVAILABLE CONFIGURATIONS

VTC-BHOCRAZ39 2.1MP HD-SDI IP-68 Vandal Resistant WDR IR Bullet Camera with 3-9mm Lens  
 VTC-HBOCRAZ922 2.1MP HD-SDI IP-68 Vandal Resistant WDR IR Bullet Camera with 9-22mm Lens

#### BREAKDOWN OF MODEL NUMBERS:

**EXAMPLE: VTC-BHOCRAZ39**  
**(VTC)** (B) (H) (OC) (R) (AZ) (39)  
 VITEK Bullet HD-SDI Over IR LEDs Auto 3-9mm  
 Camera Coax Coax Zoom Varifocal