



OMNI EZ HD TVI

 **KEZ-c1BR28V12IR**

720p HD Over Regular Coax or UTP
Outdoor Bullet with IR, True Day/Night, OSD, 2.8-12mm,
IP66, 131' Smart IR Range, 12VDC

KEZ-c1BR28V12XIR: 2.8-12mm



OMNI EZ HD TVI

KEZ-c 1BR28V1 2IR

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Features

- Superlative HD resolution of 720p60 for amazing image quality and useful digital zoom
- HD-TVI HD BNC output, plus CVBS analog BNC output**
- Operation over 'almost any' wire
 - Over 1000 feet on standard RG59 coax; longer distances on RG6
 - Over 500' on one pair from a Cat5e cable (using optional KA-HDBAL1 balun pair).
- 1/3" progressive scan CMOS sensor with .001 lux native light sensitivity
- Digital Wide Dynamic Range to handle challenging of bright or unbalanced lighting conditions
- Digital Slow Shutter (Sens-Up) low light enhancement*
- True Day/Night zero light operating range of 131 feet or more† from 42 IR LEDs
- Smart IR automatic exposure level adjust to achieve the desired IR brightness despite reflections and bright spots
- Easy mounting using 3-Axis positioning for convenient wall or ceiling mounting
- Simple and easy to use OSD setup menu
 - Local 5-axis joystick inside access cover
 - Up-the-cable control from OMNI EZHD recorders (or other compatible Coaxitron® control equipment)
 - Digital Wide Dynamic Range for bright or unbalanced scene lighting conditions
 - Adjustable 3D Noise Reduction to increase low light picture clarity and conserve DVR HDD disk space
 - Privacy masking for 8 configurable zones
- Externally adjustable 2.8~12mm F=1.4 Varifocal Megapixel lens to capture the desired field of view (78°~28° FOV)
- 12VDC operation with low (333mA) current draw
- IP66 weather resistant, vandal resistant construction
- Operating temperature range of -4°F~140°F
- Optional KA-BRJB2 Junction Box; or optional KA-BRPM1 Pole Mount with or without a junction box

720p

True Day/Night

Digital WDR

2.8-12 mm

3D DNR

3 Axis

Service Video

DC12

IP66 Water Resistant

131' Smart IR Range

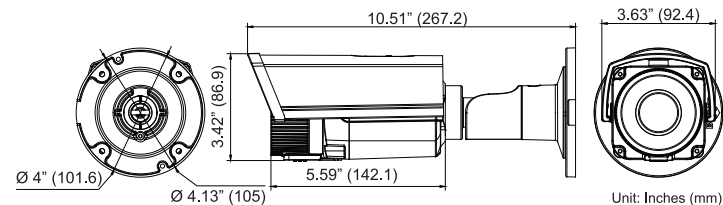
OSD/UTC Up The Cable Control

Privacy Mask

Rugged Housing

Technical Specifications

Imaging Device	1/3" Progressive Scan High Sensitivity CMOS
Video Format	Main Output: 720p60(50) HD-TVI Secondary Output: CVBS** (OSD selectable NTSC/PAL)
Picture Elements	1305 (H) x 1049 (V)
Effective Picture Elements	1280 (H) x 720 (V)
Horizontal Resolution	More than 1000 HTVL
Sensitivity	0 lux IR on; sensor .001 lux @ F1.2 (AGC On); .0014 lux @ F1.4 (AGC On)
Lens Type	Megapixel Varifocal Type 2.8~12mm F=1.4 IR corrected
Angle of view	78°(2.8mm) ~ 28°(12mm)
IR LED	42 LEDs, 850nm (Can be disabled in OSD if desired)
IR Range	131' †
Smart IR Exposure Adjust	Active when IR enabled
S/N Ratio	Over 62dB (NR On)
Video Output Connector Type	TVI and CVBS: BNC 75Ω Test Video**; CVBS video test point inside access cover, cable to BNC supplied
Sync. Mode	Internal
OSD Menu	Multiple functions using 3-axis joystick under access cover; UTC Control
OSD Languages	English, Chinese
UTC Control	Full OSD Menu access via up-the-cable (Coaxitron® type) signaling
Auto Gain Control	Off/low/Middle/High
Electronic Shutter	Auto; or 1/60 (50) to 1/50,000
White Balance	Auto/Manual
Color Correction	Nominal Gamma 0.45, adjustable; or, separate adjustment for red and blue levels
Day & Night	Auto True D/N with motorized ICR, controlled by photo sensor; IR LEDs may be disabled Optional color-only and B/W only modes under OSD control
Sens-Up	DSS low light boost 0~16*
3D-DNR	Off/Low/Middle/High
Digital Wide Dynamic Range	Global AE/DWDR
Mirror/Flip	Off, H, V, H/V (rotate)
Motion Detection	Off/On for 4 selectable zones
Privacy Mask	Off/On for 8 selectable zones
Other OSD Functions	Digital zoom, Contrast, Sharpness
Power Source	12VDC
Power Consumption	12VDC: 333mA IR LED On
Operating Temperature	-4 °F ~ 140 °F (-20 °C ~ 60 °C)
Environmental	IP66 weather resistant
Mechanical	Vandal resistant construction; external adjustment for lens; access for OSD controls, CVBS test point, and TVI/CVBS control switch
Positioning	3-axis flexible positioning for wall or ceiling mounting Pan: 0~360° Tilt: 0~90° Rotate: 0~360°
Dimensions	4.13" x 3.42" x 10.52" [105 x 86.9 x 267.2mm]
Weight	3 lbs./1.35Kg
Certifications	CE / FCC / RoHS



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*DSS levels above 4X should be used only after careful consideration of scene dynamics ** HD video output is disabled while CVBS output is active. †As with all IR cameras, IR range will vary based on scene IR reflectivity and illumination. KT&C America reserves the right to make changes to improve our products at any time without notice; we are not responsible for misprints.