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OMNI EZ HD TVI

KEZ-b1TR_IR

720p HD Over Regular Coax or UTP

Outdoor Mini Turret with IR, True Day/Night, 3-Axis
66' IR Range, 12VDC, IP66, -40°

KEZ-b1TR3IR: 2.8mm | KEZ-b1TR4IR: 3.6mm

720p | True Day/Night | 66′ Smart IR Range | -40° | IP66 Weather Resistant | 3 Axis | 2D DNR | DC12

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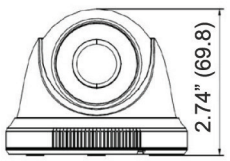
Features

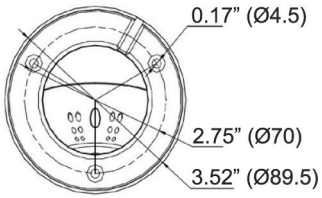
- HD resolution of 720p30 for amazing image quality and useful digital zoom
- Twice the detail (pixels) compared with 960H/WD1 analog, and 2.7X the detail of traditional analog
- Operation over 'almost any' wire
  - Over 1000 feet on standard RG59 coax; longer distances on RG6
  - Up to 500′ on one pair from a Cat5e cable (using optional KA-HDBAL1 balun pair).
- 1/3" progressive scan CMOS sensor with .01 lux native light sensitivity
- True Day/Night zero light operating range of 66 feet† or more from 24 IR LEDs
- Smart IR automatic exposure level adjust to deliver properly exposed images despite reflections and bright spots
- Digital Noise Reduction for low light image clarity and conservation of HDD space
- Easy mounting using 3-Axis positioning for convenient wall or ceiling mounting
- Your choice of 2.8mm or 3.6mm lens to capture the desired field of view
- 12VDC operation with low current draw
- IP66 weather resistant construction
- Metal camera ball; easy to mount plastic base
- Extreme operating temperature range of -40°F~140°F
- Compact size for unobtrusive surveillance

Technical Specifications

Imaging Device	1/3" Progressive Scan CMOS
Video Format	720p30 HD-TVI
Picture Elements	1280 (H) x 720 (V)
Horizontal Resolution	More than 1,000 HTVL
Sensitivity	0 lux IR LED on; .01 lux @ F1.2 (AGC On)
Lens Type	Fixed focal length 3.6mm nominal; optional 2.8mm
Angle of view	76.9° (3.6mm); 99.7° (2.8mm)
IR LED	24 LEDs, 850nm
IR Range†	66′
Smart IR Exposure Adjust	Internally controlled; active when IR enabled
Day & Night	Auto True D/N with motorized ICR, controlled by photo sensor
S/N Ratio	Over 52dB (NR On)
Sync. Mode	Internal
Auto Gain Control	0~15
Electronic Shutter	Auto: 1/30 ~ 1/50,000 second
White Balance	AWB
Color Correction	Nominal Gamma 0.45
2D-DNR	On
Video Output Connector Type	BNC 75Ω
Power Source	12VDC
Power Consumption	12VDC: 333mA IR LED On
Operating Temperature	-40 °F ~ 140 °F (-40 °C ~ 60 °C)
Environmental	IP66 weather resistant
Mechanical	Metal ball, plastic base construction
Positioning	3-axis flexible positioning for wall or ceiling mounting Pan: 0~360° Tilt: 0~90° Rotate: 0~360°
Dimensions	Ø3.52" × 2.75" [Ø89.5 x 69.8mm]
Weight	.57 lbs./260g
Certifications	CE / FCC / RoHS



Inches (mm)



KEZ-b1TR3IR: 2.8mm | KEZ-b1TR4IR: 3.6mm

FC CE

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