

OMNI EZ HD TVI

KEZ-c2CRB37: 3.7mm Lens
KEZ-c2CRB43: 4.3mm Lens
 1080p HD Over Regular Coax or UTP
 Outdoor Miniature Cylinder Camera



Features

- Superlative HD resolution of 1080p30 for amazing image quality and useful digital zoom
- Field select 1080p 30/25
- HD-TVI HD BNC output
- 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).
- 1/2.7" progressive scan CMOS sensor
- 3.7, 4.3mm megapixel lens to capture the desired field of view
- Easy mounting with 3-Axis positioning for convenient wall or ceiling mounting
- Simple and easy to use OSD setup menu
 - Up-the-cable control from OMNI EZHD recorders (or other compatible Coaxitron® control equipment)
 - On-camera 3-axis joystick
 - Programmable Back Light Compensation (BLC) and Highlight Compensation (HLC)
 - Adjustable 2D Noise Reduction to increase low light picture clarity and conserve DVR HDD disk space
 - Privacy masking for 8 configurable zones
 - Lens shading compensation for even exposure out to the lens periphery
- IP67 weatherproof metal housing with 3-axis mount included
- Choice of black or white housing color to blend or contrast with the décor
- Operating temperature range of 14°F~122°F
- 12VDC operation with low current draw

Technical Specifications:

Imaging Device	1/2.7" 2MP Progressive Scan CMOS
Video Format	1080p HD-TVI 30/25Hz (OSD selectable)
Picture Elements	1930 (H) x 1088 (V)
Cell Size	3.0µm x 3.0µm
Maximum Image Resolution	1920 (H) x 1080 (V)
Horizontal Resolution	More than 1080 HTVL (1080p mode)
Lens Type	Megapixel Fixed Focal Length f=3.7mm, 4.3mm board type
Video Output Connector Type	BNC 75Ω
Sync. Mode	Internal
OSD Menu	Multiple functions using on-camera 3-axis joystick and/or up-the cable (UTC) control
OSD Languages	English, Chinese
OSD Control	Full OSD Menu access via on-camera 3 axis joystick plus up-the-cable (UTC, Coaxitron® type) signaling
Electronic Shutter	Auto, 1/25, 1/30, 1/50, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/3000, 1/10000
BLC	(0~16 selectable)
HLC	Adjustable area, 0~255 for mask and threshold values
Auto Gain Control	1~5 (Max. 30dB)
White Balance	AUTO indoor / AUTO Outdoor / USER / PUSH / Manual
Flickerless	Off, 50Hz, 60Hz
Day/Night Type	Digital Day/Night
Day & Night	Auto, color, B/W
2D-DNR	Auto
Image Control	Flip, Mirror, Gain, Hue, Sharpness, Contrast
Motion Detection	Off/On for programmable zone with sensitivity adjust (pixel change detection)
Privacy Mask	Two, with adjustable size and position
Lens Shading Compensation	Off/On
Other OSD Functions	Camera Title with position, Font Color; Image Sharpness
Power Source	12VDC
Power Consumption	12VDC:90mA
Operating Temperature	14 °F ~ 122 °F (-10 °C ~ 50 °C)
Environmental	IP67 weatherproof
Mechanical	Metal housing and mount; housing equipped with 1/4-20 thread at rear
Positioning	3-axis flexible positioning for wall or ceiling mounting Mount included
Dimensions	Body Ø 0.9" (23mm); 3.7mm lens model front cap Ø 1.11" (28.2mm) Overall length 3.57" (90.75mm); Body only 2.96" (75.25mm) See diagrams for outline details.
Weight	2.15 oz. (67g)
Certifications	CE / FCC / RoHS

