

KEZ-c2BR5M50XIR

2 Megapixel / 1080p @30 FPS, 5-50mm Motorized Auto-Focus Varifocal Lens, Super Beam 390+ EXIR Range, IP66, UTC/OSD, with Dual TVI & SD Video Output.



1080p @ 30 FPS	2 Megapixel	5-50mm Motorized Zoom
True Day/Night	True WDR	Smart EXIR 394' Range
3D DNR	BLC HSBLC	3-Axis
Rugged Housing	IP66 Weather Resistant	Dual Voltage DC12V AC24v
UTC (Up The Cable) OSD Control	Privacy Mask	Operates to -40° F
Dual TVI & CVBS Video Output	Auto Focus	Smart Digital Zoom

Features

- Superlative HD resolution of 1080p30 for amazing image quality and useful digital zoom
- HD-TVI HD BNC output, plus CVBS analog BNC output for alternative connection/monitoring**
- CVBS Service Video output for convenient installation, and ease of service**
- 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
- Up the cable controlled motorized zoom 5~50mm Megapixel lens with zoom speed control (6.2°~59.8° FOV)
- Auto-focus lens with minimum focus distance control; manual, one-touch or full auto modes; plus 64 lens presets
- 120dB True Wide Dynamic Range to handle the most challenging of bright or unbalanced lighting conditions**
- Digital slow shutter (Sens-Up) low light enhancement (Use of more than 2~4X enhancement should be limited to select applications.)
- True Day/Night zero light operating range of 394 feet or more (depending on scene reflectivity) from Super Beam IR LEDs
- Smart IR automatic exposure level adjust to achieve the desired scene 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 3-axis joystick inside access cover
 - Up-the-cable control from OMNI EZHD recorders (or other compatible UTC control equipment)
 - True Wide Dynamic Range for bright or unbalanced scene lighting conditions**
 - Digital Wide Dynamic range option
 - Programmable Back Light Compensation (BLC) and Highlight Suppression Back Light Compensation (HSBLC)
 - Adjustable 3D + 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
 - Defog improves image contrast in the presence of haze or smoke that obscures image details
- Smart Digital Zoom** expands selected areas within the field of view to full screen when motion is detected
- Dual 24VAC/12VDC operation drawing only 20W
- IP66 weather resistant, vandal resistant construction
- Operating temperature range of -40°F~140°F with built in heater (can be set for auto/on/off)
- Optional KA-BRJB2 Junction Box; or optional KA-BRPM1 Pole Mount with or without a junction box

Ordering Information

KEZ-c2BR5M50XIR: 5-50mm Bullet with 390+ EXIR Range



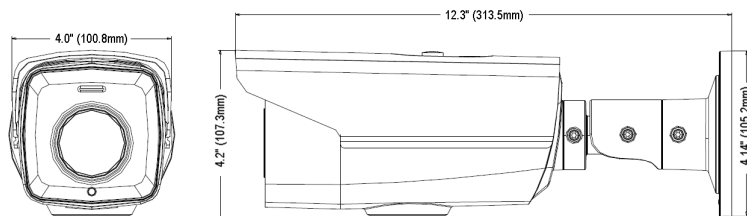
KEZ-c2BR5M50XIR Specifications

Imaging Device	1/3" Progressive Scan CMOS
Video Format	Main Output: 1080p30/25 HD-TVI (30/25Hz OSD selectable) Secondary Output: CVBS (OSD selectable NTSC/PAL) aux video, plus test point**
Effective Picture Elements	1920 (H) x 1080 (V)
Horizontal Resolution	More than 1080 HTVL
Sensitivity	0 lux IR on; .01 lux @ F1.2 (AGC On)
Day/Night Type	True Day/Night with ICR motorized filter control
Lens	Type: Megapixel Motorized 10X Autofocus Type 5-50mm IR corrected
	Angle of View: 59.8°(5mm) ~ 6.2°(50mm)
	Zoom Speed: User selectable range 1-8
	Presets: Up to 64 zoom presets can be stored
	Focus mode: Auto, Manual or "One Touch" (Trigger) Modes
	Zoom Ratio Display: OSD controlled Off/On
Minimum Focus Distance	OSD controlled .1, .3, 1, 1.5, 3, 6, 10 or 20m
IR LED	Two Super Beam LEDs, 850nm (Can be disabled in OSD if desired)
IR Range	394' / 120m (As with all IR cameras, IR range will vary based on scene IR reflectivity and illumination)
Smart IR Exposure Adjust	Active when IR enabled
S/N Ratio	Over 62dB
Video Output Connector Type	TVI & 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
Scene Optimization	Choose: Indoor, Outdoor
WDR/ BLC/HSBLC	WDR: 120dB WDR Off/On**
	BLC: Low, Middle, High with adjustable area size/position
	HSBLC: On/Off for 4 areas, adjustable area size/position and level; full time or night-only
Auto Gain Control	0-15
Electronic Shutter	Auto (Iris Priority); or manual 1/30 (25), FLK, to 1/50,000
White Balance	ATW; AWC->SET; 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
Digital Slow Shutter (DSS)/Sens-Up	DSS low light boost Off/Auto 0-13* *High Sens Up levels should be used only after careful consideration of scene dynamics
2D-DNR	On/Off
3D-DNR	Off/On: Smart Noise Reduction with adjustable level; adjustable AGC range limits
Digital Zoom	2X-62X with virtual P/T (area selection)
EZ Digital Zoom**	Select 1 or 2 programmable areas with sensitivity level; while in-area motion/pixel change is detected, image zooms to full screen display of selected area and holds for user selected time; size of area to be shown full screen selected defines zoom ratio when active.
Brightness	1-14
Defog	Adjustable area size/position; gradient off, low, middle, high
Digital Wide Dynamic Range	On/Off
Mirror	Off / H-flip, V-flip, rotate
Motion Detection	Off/On for 4 programmable zones (pixel change detection)
Privacy Mask	Off/On with full programmability for 8 selectable zones
Lens Shading Compensation)	Off/On
DPC (Defective Pixel Correction)	Live mode with level adjust; static mode with level, DSS and AGC adjust
Other OSD Functions	Flickerless; Camera Title with position, Font Color; Image Sharpness; CRT/LCD display optimization; Negative Image
Power Source	12VDC/24VAC +/-15%
Power Consumption	12VDC:1.67A ; 24VAC: 20W
Operating Temperature	-40 °F ~ 140 °F (-40 °C ~ 60 °C)
Heater	Heater may be controlled via OSD: Off/On/Auto
Environmental	IP66 weather resistant
Mechanical	Metal body with plastic access port for 3-axis OSD joystick controls and external lens adjust, CVBS video test point, and switch to toggle WDR state.
Positioning	3-axis flexible positioning for wall or ceiling mounting Pan: 0-360° Tilt: 0-90° Rotate: 0-360°
Dimensions	Body 12.3" x 4.2" x 4.0" (313.5 x 107.3 x 101.8mm); base 4.14"Ø (105.2mm)
Weight	3.6 lbs./1.65Kg
Mounting Options	Optional KA-BRJB2 Junction Box; or optional KA-BRPM1 Pole Mount with or without a junction box
Certifications	CE / FCC / RoHS

**True WDR processing and downscaling from 1080p to CVBS both demand significant processor resources. CVBS output and digital zoom are disabled when True WDR is active; where full time CVBS output is desired, Digital WDR is an OSD menu option. WDR status is easily controlled from a switch provided next to the CVBS test point and OSD joystick.

Dimensions: Inches (mm)

Accessories:



KA-BRPM1
Pole Mount



KA-BRJB1
Power Intake Box
Large Bullet