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ELECTRONIC GROUP, INC

480-635-8400 p * aegis-g2@aegiselect.com

<http://www.aegis-elec.com>

KPC-EW230NUWX

750TVL WDR Miniature Bullet Camera

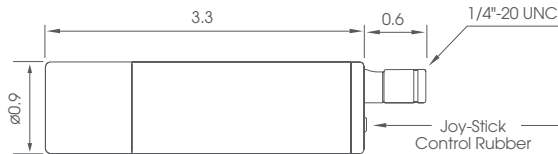
- 750TVL Horizontal Resolution
- Min. Illumination of 0.1 Lux (30 IRE)
- IP67 (Water Resistant)
- Digital Day & Night
- 3D DNR / BLC / AWB / AGC / WDR / DSS
- DC 12 V Power
- 1/3" 960H SONY Double Scan Super HAD CCD II

Resolution
960

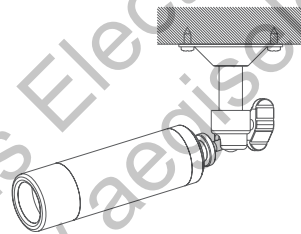
Resolution 960

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General Feature Diagram Unit: (inch)



MOUNTING POSITION



High Color Reproduction

KPC-EW230NUWX is equipped with more excellent color reproduction from wide range of ATW. (1,800K to 10,500K)



Color Chart Under Halogen Lamp



Still Object under Artificial Sunlight

TYPE	Focal Length	Angle of View
Board Lens (M12)	2.45 mm	145 °
	2.97 mm	130 °
	3.6 mm	94.9 °
	6.0 mm	53 °
	8.0 mm	40 °
	12 mm	28 °
	16 mm	19 °
	25 mm	13.8 °
	50 mm	9.2 °
Pinhole Lens (P3/M12)	3.7 mm	90 °
Pinhole Lens (P4/M12)	4.3 mm	70 °

Lens (mm)

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Technical Specification

Signal System	NTSC	
Image Sensor	1/3" 960H SONY Double Scan Super HAD CCD II	
Scanning System	2:1 Interlace	
Horizontal Resolution	750TV Lines	
Scanning Frequency	15.734 KHz x 59.94 Hz (H x V)	
Total Pixels	Effective Pixels	1028 x 508 (H x V) 976 x 494 (H x V)
Synchronization	Internal	
Lens	3.6 mm, 4.3 mm, 6 mm, 8 mm, 12 mm	
Lens Type	Fixed Board Lens	
S/N	More than 50dB (AGC Off, 3DNR On)	
Gamma	r = 0.45	
Min. Illumination	0.1 Lux (30 IRE@F2.0, AGC: 36 dB), 0.000001 Lux (DSS: x256)	
Shutter Speed	1/60 ~ 1/100,000 sec	
Day & Night	Digital Day & Night	
Day & Night Function	Auto, Color, B/W	
IP Rating	IP67 (Water Resistant)	
Video Output Level	1.0 Vp-p Composite (75 Ω)	
On-Screen Display (OSD)	Built-in with Joystick	
BLC	Off, BLC, HLC	
DNR	3D DNR	
White Balance	ATW, Push, Push-lock, Manual (R Gain, B Gain)	
Privacy Masking	15 Zones (Area adjustment)	
Mirror	Image reverse (Normal / Flip)	
Motion Detection	4 Zones (Level adjustable, Area adjustment)	
WDR	On / Off (Level adjustable)	
Digital Zoom Ratio	3x	
Digital Slow Shutter	Off, 2 ~ 256 Field	
Other Function	Brightness, Contrast, Sharpness, Hue, Gain	
Language Option	English, Japanese, German, French, Russian, Portuguese, Spanish, Chinese	
Operating Temperature	14 °F ~ 122 °F (-10 °C ~ 50 °C)	
Storage Temperature	-4 °F ~ 140 °F (-20 °C ~ 60 °C)	
Humidity	Less than 80% RH	
Power Supply	DC 12 V (±10%), Max. 140 mA	
Dimension	Weight	Ø0.9 x 3.3 inch (Ø23 x 85 mm) 0.15 lbs (68 g)