



KPC-EW38NU

750TVL Miniature Square Camera

www.ktncusa.com

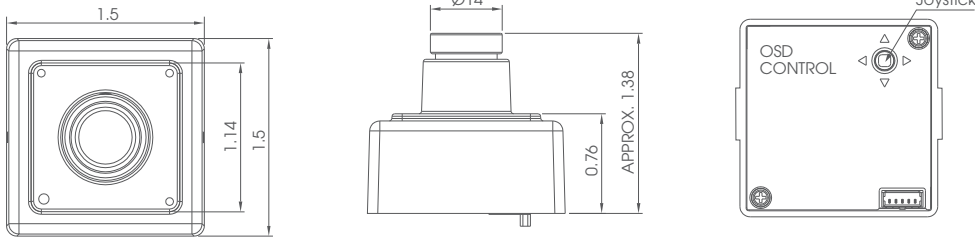
- 750TVL Horizontal Resolution
- Fixed Board or Pinhole Lens
- Min. Illumintaion of 0.1 Lux (30 IRE)
- Digital Day & Night
- 3D DNR / BLC / HLC / AWB / AGC / DSS
- 1/3" 960H SONY Double Scan Super HAD CCD II
- DC 12 V Power

Resolution
960

Resolution 960

- 750TVL Horizontal Resolution
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General Feature Diagram Unit: (inch)



High Color Reproduction

KPC-EW38NU 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

2D DNR (Digital Noise Reduction)

The amount of low luminance noise is remarkably reduced and signal-to-noise ratio (S/N) as well as horizontal resolution dramatically improved, it results in a clearer and sharper image display even in the dark lighting condition.



Conventional Camera

960H 750TVL Camera



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750TVL Miniature Square Camera



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 59.94Hz (H x V)		
Total Pixels	1028 x 508 (H x V)	976 x 494 (H x V)	
Synchronization	Internal		
Lens	Board	3.6 mm, 4.3 mm, 6 mm, 8 mm	
	Pinhole	3.7mm (P1), 3.7mm (P3), 3.7mm (P4), 4.3mm (P4)	
Lens Type	Fixed Board or Pinhole Lens		
S/N	More than 50 dB (AGC Off)		
Gamma	r = 0.45		
Min. Illumination	0.1 Lux (30 IRE@F2.0, AGC: 36dB), 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		
Video Output Level	1.0 Vp-p Composite (75 Ω)		
On-Screen Display (OSD)	Built-in with Joystick		
BLC	On / Off (Level adjustment, Area selection)		
DNR	3D DNR		
White Balance	ATW, Push, User1, User2, Anti CR, Manual, Push-lock		
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		
External Control	RS-485		
Dimension	1.5 x 1.5 inch (38 x 38 mm)		
Weight	0.2 lbs (80 g)		