



## KPC-E700NU

750TVL Miniature Square Camera

[www.ktncusa.com](http://www.ktncusa.com)

- 750TVL Horizontal Resolution
- 1/3"960H SONY EXview HAD CCD II
- Min. Illumination of 0.1 Lux
- Size: 1.2 x 1.2 inch (30 x 30 mm)
- Digital Day & Night
- 2D DNR / BLC / AWB / AGC / ATR
- DC 12 V Power

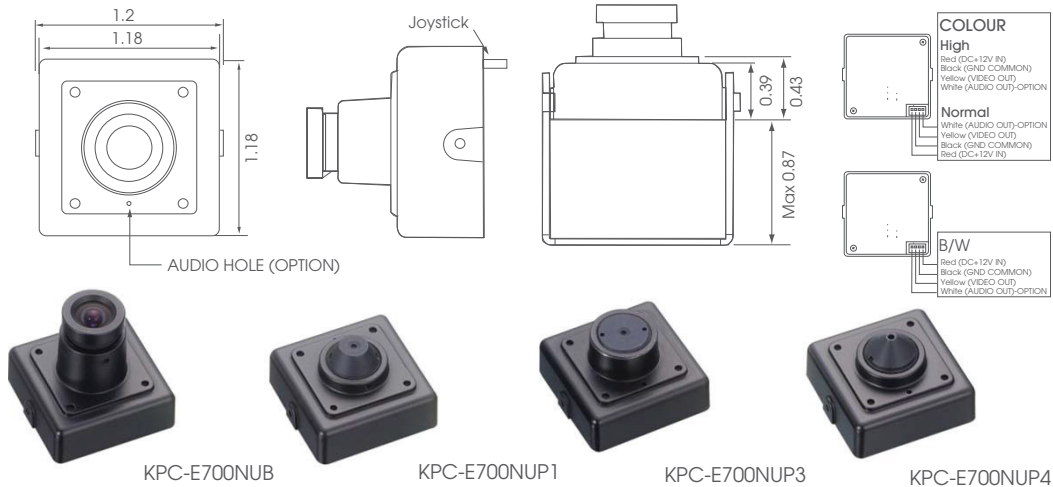
**Resolution**  
**960**

# Resolution 960

- 750TVL Horizontal Resolution
- 1/3" 960H SONY EXview HAD CCD II
- Min. Illumination of 0.1 Lux
- Size: 1.2 x 1.2 inch (30 x 30 mm)
- Digital Day & Night
- 2D DNR / BLC / AWB / AGC / ATR
- DC 12 V Power



## General Feature Diagram Unit: (inch)



TYPE	Board Lens						Pinhole Lens			Varifocal (DC or DN)	C/CS Mount	
	2.45	2.95	3.6	6	8	12	16	P1	P3			P4
Focal Length	2.45	2.95	3.6	6	8	12	16	3.7	3.7	4.3	4.0 ~ 8.0	C/CS Mount
Aperture	F2.0	F2.0	F2.0	F2.0	F2.0	F2.2	F2.5	F2.0	F2.0	F2.0	F2.0 ~ 2.8	
Angle of View	150°	130°	92°	53°	40°	28°	19°	90°	90°	78°	89.2° ~ 44.2°	

Lens (mm)

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## Technical Specification

Signal System	NTSC		
Image Sensor	1/3" 960H SONY EXview 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	1020 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, 16 mm		
Lens Type	Fixed Board Lens		
S/N	More than 50dB (AGC Off)		
Gamma	r = 0.45		
Min. Illumination	0.1 Lux		
Shutter Speed	1/60 ~ 1/100,000 sec		
Day & Night	Digital Day & Night (Optional)		
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	Off, BLC, HLC		
DNR	2D DNR		
ATR	On / Off (Level Adjustable)		
White Balance	ATW, Push, User1, User2, Anti CR, Manual, Push-lock		
Privacy Masking	4 Zones		
Mirror	On / Off		
Motion Detection	4 Zones		
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. 70 mA		
Dimension	1.2 x 1.2 inch (30 x 30 mm)		
Weight	0.2 lbs (81 g)		