



**INNOVATIVE**  
HIGH DEFINITION SURVEILLANCE

# KPC-EW650NU

Miniature Box Color Camera

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

- 750TVL Horizontal Resolution
- C/CS Mount Lens
- Digital Day & Night
- Min. Illumination of 0.1 Lux
- BLC / ATR / AWB / AGC
- 1/3" 960H SONY Double Scan Super HAD CCD II
- DC 12 V Power

**Resolution**  
**960**



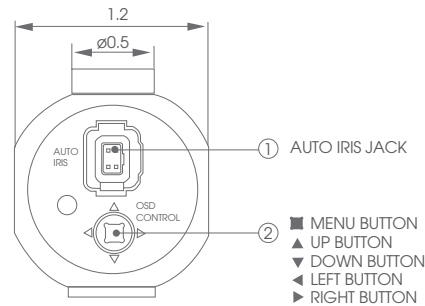
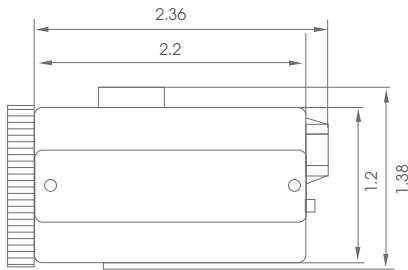
# Resolution 960

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FC CE

## General Feature Diagram Unit: (inch)



## High Color Reproduction

KPC-E650NU 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

# KPC-EW650NU

## Miniature Box Color 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 59.94 Hz (H x V)	
Total Pixels	Effective Pixels	1020 x 508 (H x V)   976 x 494 (H x V)
Synchronization	Internal	
Lens	C/CS Mount	
Lens Type	Manual / DC / Video Iris Lens	
S/N	More than 50 dB (3DNR On)	
Gamma	r = 0.45	
Min. Illumination	0.1 Lux (30 IRE@F1.4, AGC: 30dB), 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	
BLC	On / Off (Level adjustment, Area selection)	
DNR	2D / 3D DNR	
White Balance	ATW, Push, User1, User2, Anti CR, Manual, Push-lock	
Privacy Masking	15 Zones (Area adjustment)	
Mirror	Off, H-Flip, V-Flip, HV-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	Freeze, Contrast, Sharpness	
Language Option	English, Japanese, German, French, Russian, Portuguese, Spanish, Chinese, Hindi, Tamil, Turkish, Arabic, Farsi	
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. 150 mA	
Dimension	Weight	1.2 x 1.2 x 2.2 inch (30.5 x 30.5 x 55 mm)   0.25 lbs (113 g)