

Part No.: KPC-S23NH



KPC-S23NHB



KPC-S23NHP1



KPC-S23NHP3



KPC-S23NHP4

## Super Mini Square Color Camera

- Sony 1/3" Super HAD II CCD
- 550 TVL Horizontal Resolution
- Noise, Ghost & Blooming Free
- Automatic Gain Control (AGC)
- Automatic Tracking White Balance (ATW)
- Automatic Backlight Compensation (BLC)
- Built-in Reverse Power Input Safety Circuit
- Ultra Compact size of 0.87"(W) X 0.91"(H)



### Superior Image Resolution of 550 TV Lines

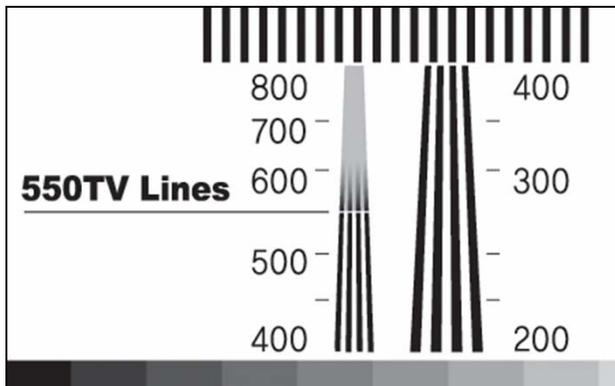
Outstanding performance of 550 TV Lines in a miniature square type camera. Discreet camera for indoor, covert, ATM, and other various multiple application use. With 550 TV Lines resolution, you'll experience the most crisp clear picture image on your monitor with advanced digital ghost and noise reduction technology only from KT&C brand cameras.



Conventional High-Resolution camera

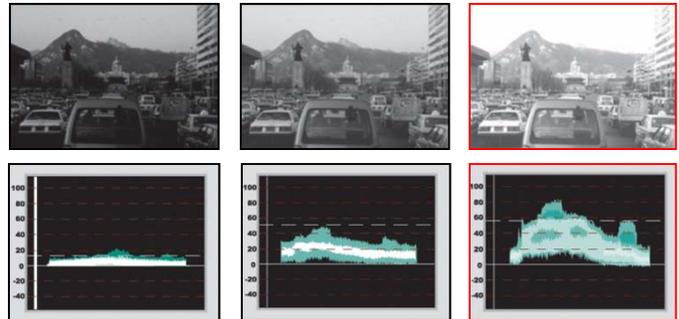


550 TV Line High-Resolution Camera



### Brightness (IRE) Waveform

First diagram is conventional camera waveform. Second diagram is ExView CCD camera waveform Third is our **Sony Super HAD II CCD** waveform Light absorption is far better than other CCDs on the market.



Conventional CCD

ExView HAD CCD

KPC-S23NH

### Lens Types



Board Lens

P1 Lens

P3 Lens

P4 Lens

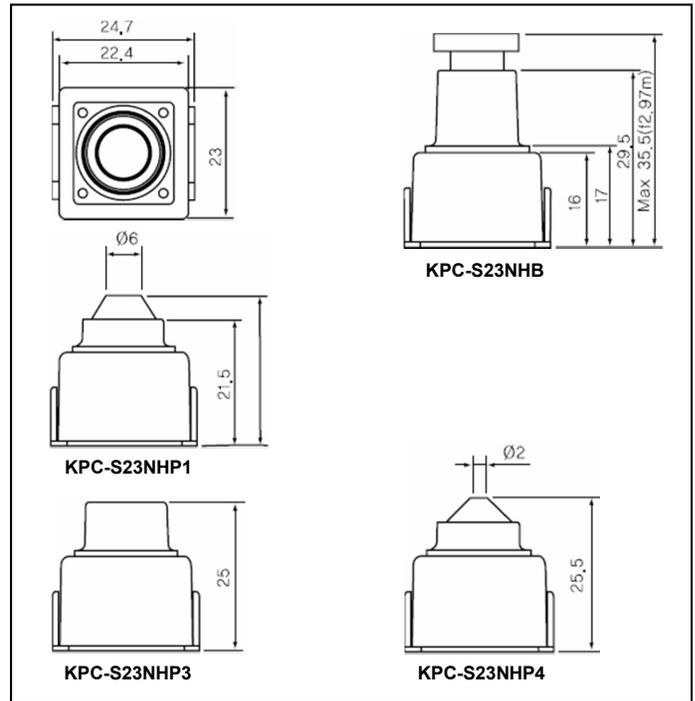
\* Specifications & Features are subject to change without prior notice.

**Part No.: KPC-S23NH**

**Technical Specification**

<b>Image Device</b>	SONY 1/3" SUPER HAD II CCD
<b>Scanning System</b>	2 : 1 Interlace
<b>Scanning Frequency</b>	H : 15.734 (KHz), V : 60 (Hz)
<b>Total Pixels</b>	811(H) × 508(V), 410K
<b>Effective Pixels</b>	768(H) × 494(V), 380K
<b>Horizontal Resolution</b>	550 TVL
<b>Electronic Shutter</b>	1/60 ~ 1/100,000sec Auto
<b>S/N Ratio</b>	More than 48dB (AGC Off)
<b>White Balance</b>	Automatic (2,400 ° K ~ 8,000 ° K)
<b>Sensitivity</b>	0.05 Lux / Faceplate
<b>Gamma Correction</b>	$\lambda = 0.45$
<b>Sync System</b>	Internal
<b>Video Output</b>	Composite 1 [Vp-p] 75( $\Omega$ ) unbalanced
<b>Power Supply</b>	DC12V ( $\pm 10\%$ ) Max 110mA
<b>Operating Temperature</b>	-10°C ~ +50°C
<b>Storage Temperature</b>	-20°C ~ +60°C
<b>Operating Humidity</b>	10% ~ 80%

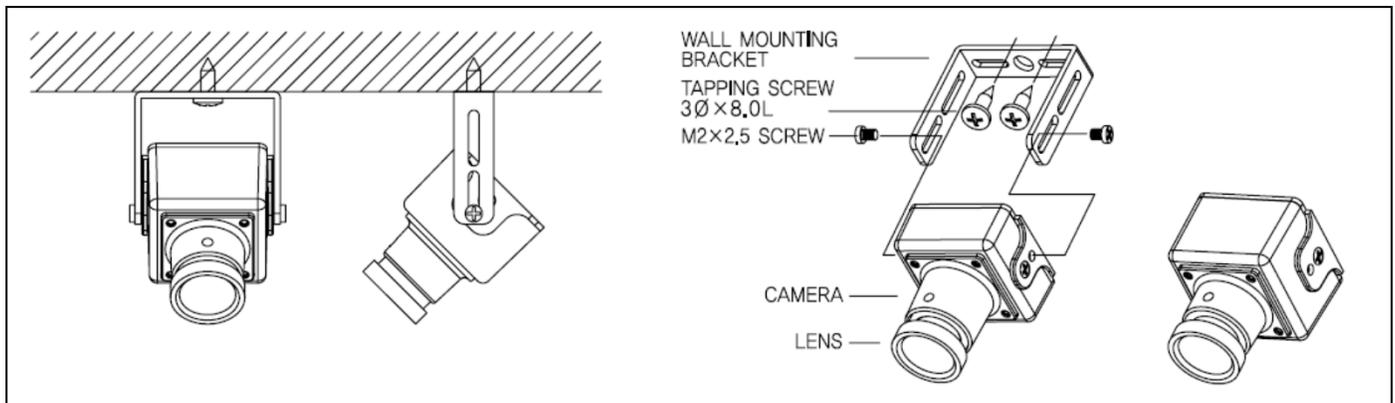
**Dimensions (Unit: mm)**



**Lens Option**

Lens (mm)	Type	Board Lens (B)							Pinhole Lens				
											(P1)	(P3)	(P4)
		Focal Length	2.45	2.97	3.6	6	8	12	16	3.7	3.7	4.3	
	<b>Aperture</b>	F2.0	F2.0	F2.0	F2.0	F2.0	F2.0	F2.2	F2.0	F2.0	F2.0		
	<b>Angle of View</b>	150°	130°	92°	53°	40°	28°	19°	90°	90°	78°		

**Mounting Position**



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Last updated 2/10/2012