



KPC-VSN500NHB



KPC-VSN500NHP1



KPC-VSN500NHP3



KPC-VSN500NHP4

Super Mini Square Color Camera

- Sony 1/3' Super HAD II CCD
- 550 TVL Horizontal Resolution
- Noise, Ghost & Blooming Free
- Mirror Mode & Automatic Gain Control (AGC)
- Automatic Tracking White Balance (ATW)
- Automatic Backlight Compensation (BLC)
- Built-in Reverse Power Input Safety Circuit
- Ultra Compact size of 0.98"(W) X 0.98"(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.



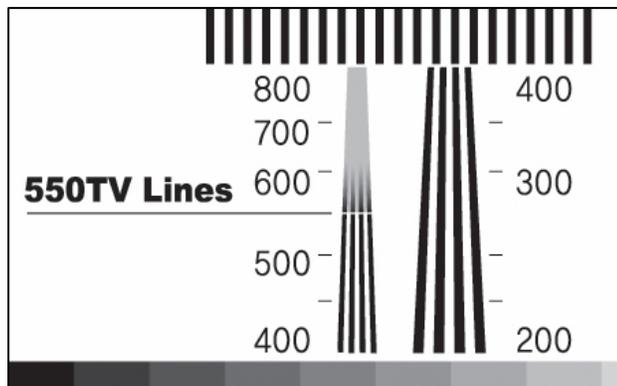
Conventional CCD



ExView HAD CCD



KPC-VSN500NH



Lens Types



Board Lens



P1 Lens



P3 Lens



P4 Lens

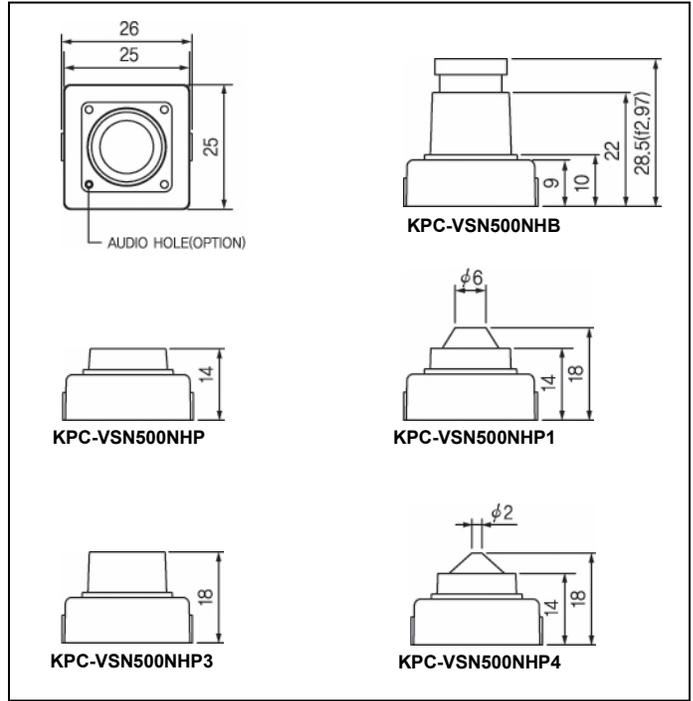
* Specifications & Features are subject to change without prior notice.

Part No.: KPC-VSN500NH

Technical Specification

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

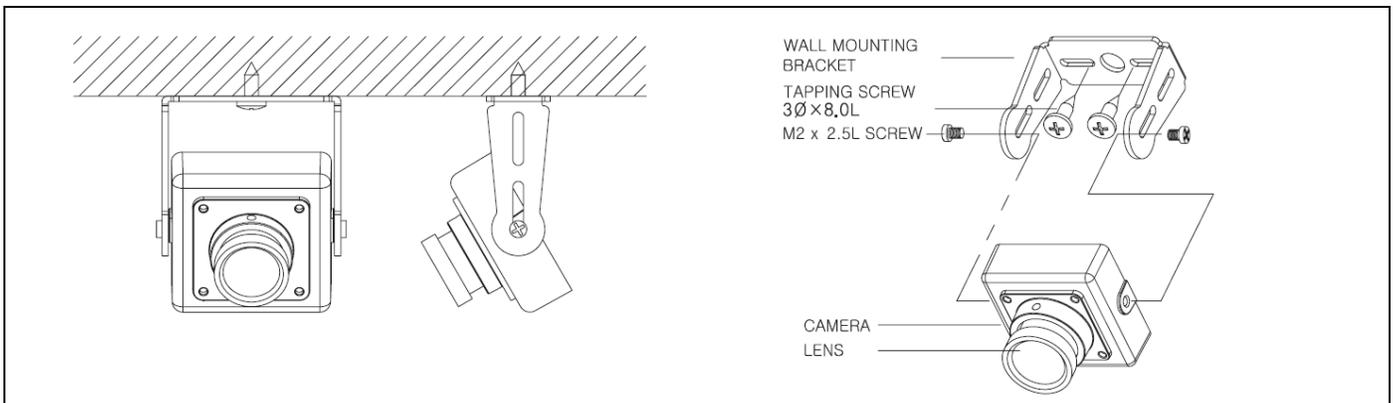
Dimensions (Unit: mm)



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
	Aperture	F2.0	F2.0	F2.0	F2.0	F2.0	F2.0	F2.2	F2.0	F2.0	F2.0
	Angle of View	150°	130°	92°	53°	40°	28°	19°	90°	90°	78°

Mounting Position



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