

Part No.: KPC-DNR700NH/PH



KPC-DNR700NHB



KPC-DNR700NHP1



KPC-DNR700NHP3



KPC-DNR700NHP4

High Quality Mini Square Camera

- 600TVL Horizontal Resolution
- Min. Illumination 0.0001 Lux / F2.0 (Sense-up)
- 3-D Digital Noise Reduction (3D DNR)
- Digital Wide Dynamic Range (WDR)
- OSD with Built-in Joystick Controller
- AFC, ATW, BLC, HSBL
- Digital Zoom (Max. x32),
- Super Compact size of 1.18"(W) X 1.18"(H)



General Key Features

- Sony 1/3" Super HAD Color CCD II
- 600TVL Horizontal Resolution
- On Screen Display(OSD w/ Joystick)
- 3-D Digital Noise Reduction
- Highlight Suppression BLC
- Digital Zoom (Max. x32)
- Sense-Up Function (Max. x256)
- 8-Zone Privacy Masking
- Motion Detection
- Digital Day & Night Function
- Digital Wide Dynamic Range
- Freeze / Mirror / V-Flip / Rotate
- Fast Shutter Speed (1/60 ~ 1/100,000)
- Adjustable Sharpness & Brightness
- Supports 12VDC Power Supply

Lens Types



Board Lens



P1 Lens



P3 Lens

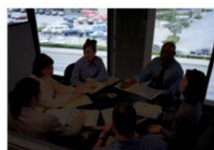


P4 Lens

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

What is Wide Dynamic Range (WDR)?

D-WDR enhances the image quality between two contrasting light sources. It compensates for the dark and bright images without any saturation to obtain the best possible picture.



NORMAL



BLC



WDR ON

3D Digital Noise Reduction (3D DNR)

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



CONVENTIONAL CAMERA



KPC-DNR700NH/PH

Excellent Low-Light Performance (Sense-Up)

With the built-in sense-up function, you can maintain a brilliant image by automatically detecting a light level in a dark environment and enhance the sensitivity to achieve an excellent low-light performance.



SENSE-UP MODE OFF



SENSE-UP MODE ON

KT&C America, Inc.: (East)

40 Lane Road 1st Floor Fairfield, NJ 07004

T: 973-276-0118 F: 973-276-0116 E: sales-america@ktncamerica.com

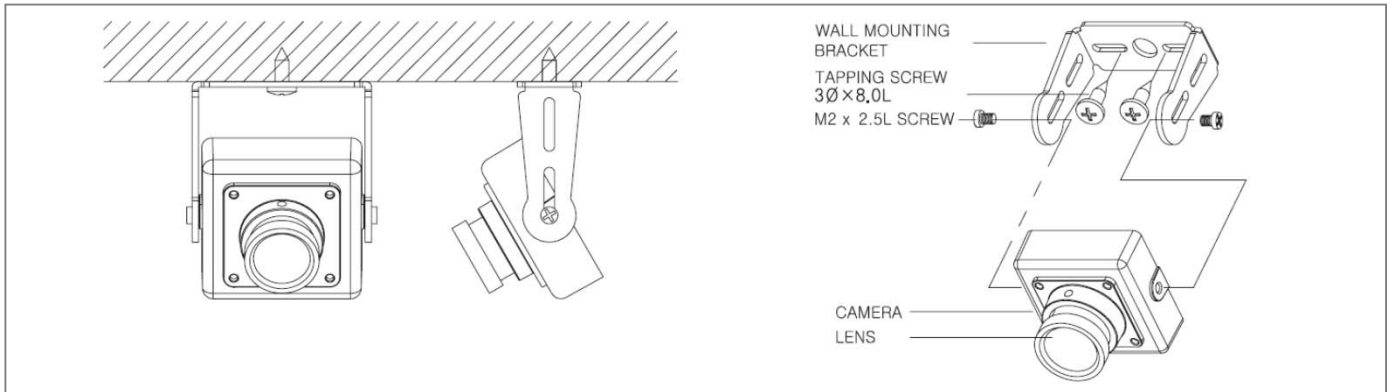
KT&C USA, Inc.: (West)

3240 Wilshire Blvd. #501 Los Angeles, CA 90010

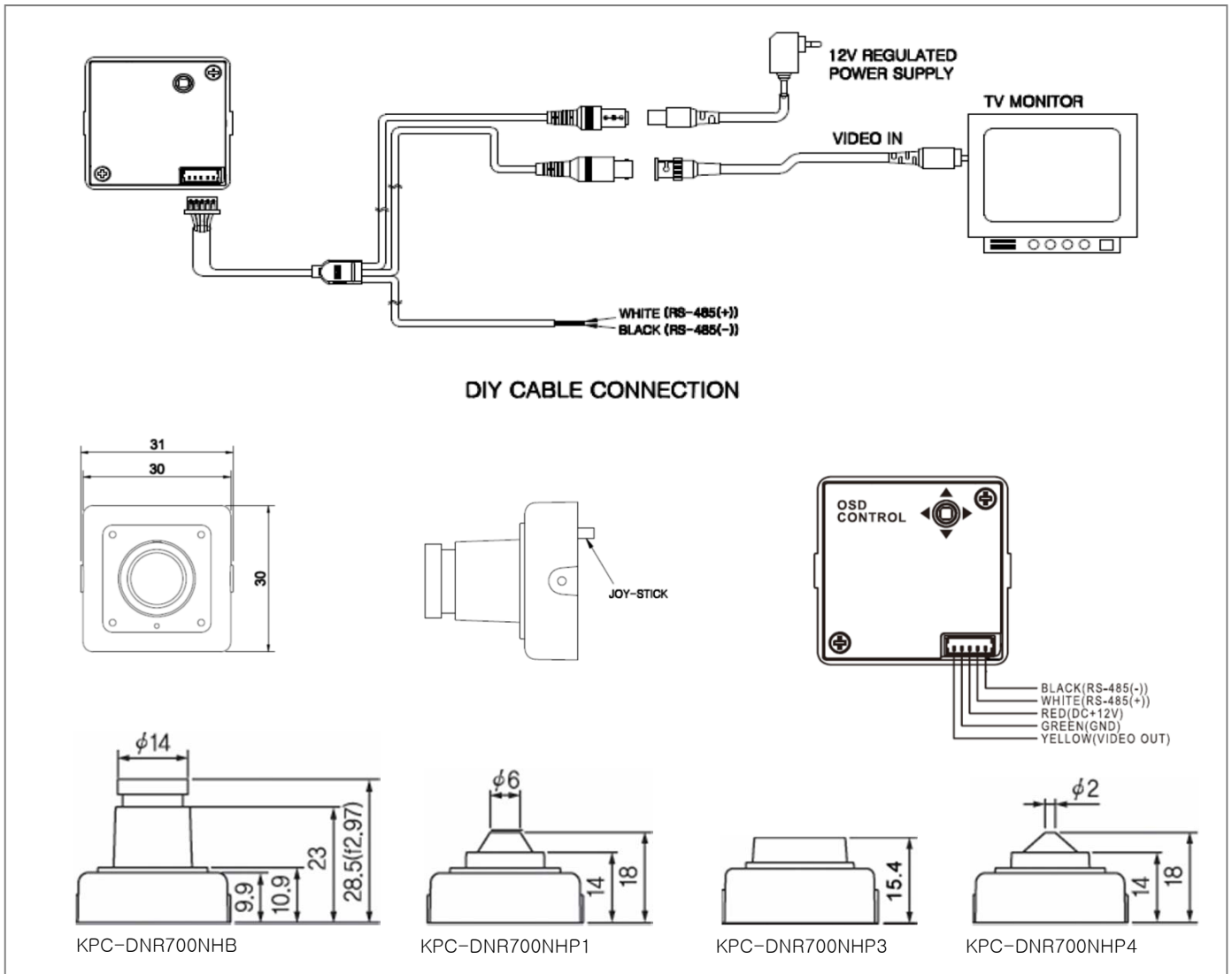
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Part No.: KPC-DNR700NH/PH

Mounting Position



Dimensions (Unit: mm)



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Technical Specification

Model		KPC-DNR700NH	KPC-DNR700PH
Signal System		NTSC	PAL
Scanning System		2:1 Interlace	
Scanning Frequency (H)		15.734 KHz	15.625 KHz
Scanning Frequency (V)		59.94 Hz	50 Hz
Image Sensor		1/3" Sony Super HAD CCD II	
Total Pixels		811(H) x 508(V) / 410K	795(H) x 596(V) / 470K
Effective Pixels		768(H) x 494(V) / 380K	752(H) x 582(V) / 440K
Synchronization		Internal	
Horizontal Resolution		600 TV Lines	
Luminance S/N		More than 50dB (AGC Off)	
Min. Illumination		0.0001Lux / F2.0 (Sense-up)	
Shutter Speed		1/60 ~ 1/100,000	1/50 ~ 100,000
Video Output Level		1Vp-p Composite (75Ω)	
OSD Display	Availability	Yes	
	Protocol	Pelco-D	
	Baud Rate	2400 / 4800 / 9600 / 19200 / 38400 / 57600	
Function	Iris Control	ELC	
	Sense-Up	X2 ~ X256	
	Gain Control	Off / Low / Middle / High	
	BLC	Off / BLC / HSBLCL	
	White Balance	ATW / PUSH / PUSH-LOCK / MANUAL / INDOOR / OUTDOOR	
	3D DNR	Off / On (level setting)	
	Sharpness	Adjustable	
	Motion Detection	Available	
	Privacy Masking	8 Zone	
	Digital Zoom	Off / On (Max x32)	
Language	Option 1	English / Russian / German / Spanish / French / Dutch	
	Option 2	English / Chinese	
Operating Temperature / Humidity		-10 °C ~ 50 °C (14 °F ~ 122 °F) / Less than 80%	
Storage Temperature / Humidity		-20 °C ~ 60 °C (-4 °F ~ 140 °F) / Less than 90%	
Power Supply		DC 12V ±10% (Max 120mA)	
Dimensions		30mm x 30mm (1.18" x 1.18")	

Lens Option

Lens (mm)	Type	Board Lens (B)							Pinhole Lens			Vari-focal Lens / Fixed Iris (V)
									(P1)	(P3)	(P4)	
	Focal Length	2.45	2.97	3.6	6	8	12	16	3.7	3.7	4.3	4.0-8.0
	Aperture	F2.0	F2.0	F2.0	F2.0	F2.0	F2.0	F2.2	F2.0	F2.0	F2.0	F2.0-360
	Angle of View	150°	130°	92°	53°	40°	28°	19°	90°	90°	78°	89.2° - 44.2°

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