

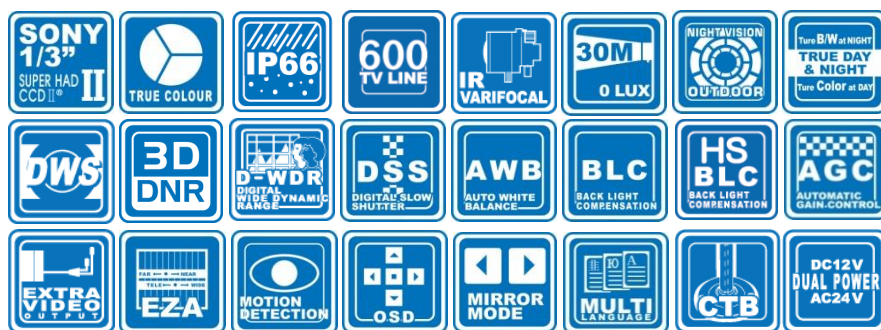


Super Night Vision Color Camera

- 600TVL Horizontal Resolution **NEW**
- 20 Units IR LED with Max. 80Ft
- Lens: F=2.8 ~12.0 mm or F=1.6 ~22.00 mm
- External Zoom & Focus Adjustable
- Waterproof (IP66 Rating), DWS
- 3D Digital Noise Reduction (3D DNR)
- OSD with Built-in Joystick Controller
- AGC, Sense-Up, HSBLC, D-WDR, AWB

Key Features

- Sony 1/3" Super HAD Color CCD II
- 600TVL Horizontal Resolution
- Varifocal F2.8 ~12.0mm or F7.0 ~22.0mm External Control Zoom and Focus
- True Day & Night (ICR) / Built-in 20 IR LEDs
- Outstanding Durability with IP66
- Highlight Suppression BLC (HSBLC)
- 3D Digital Noise Reduction (3D DNR)
- Digital Wide Dynamic Range (D-WDR)
- Sense-Up Function (Max. x256)
- 8-Zone Privacy Masking
- Motion Detection
- Freeze / Mirror / Sharpness
- OSD With Built-in Joystick controller
- Supports Dual 12VDC/ 24VAC Power Supply



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

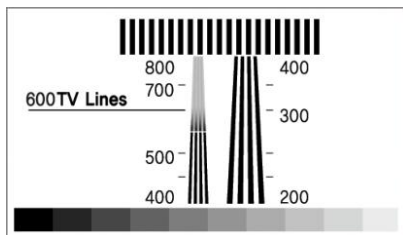


KPC-DNR500NH

Superior Image Resolution of 600 TV Lines

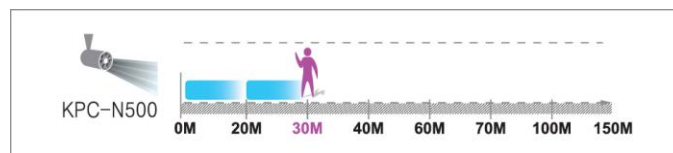
Outstanding performance of 600 TV Lines in a IR Bullet type camera. Outdoor and other various multiple application use. With 600 TV Lines resolution,

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.



0 Lux Min. illumination with 20 IR LEDs

KPC-N500NH is equipped with built-in 20 units of IR, It can capture Clear image as Far as 30M(80ft) away even in completely darkness.



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

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.



CONVENTIONAL CAMERA

SENSE-UP MODE ON

Digital Wide Dynamic Range (D-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

General Feature Diagram

True Day & Night with ICR Mechanism

Dual Filter System Combination built-in, KPC-N500NH Provides true Color Image at day time and real B/W Image at night time. Removable IR Cut Filter is on for color image operation and off to increase light sensitivity for monochrome mode

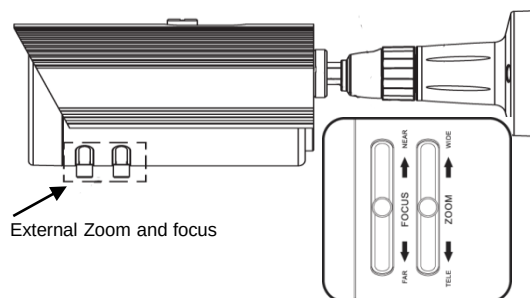


Day Time

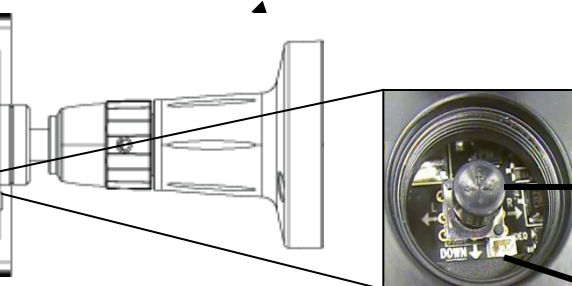
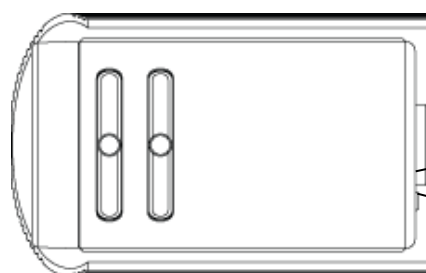
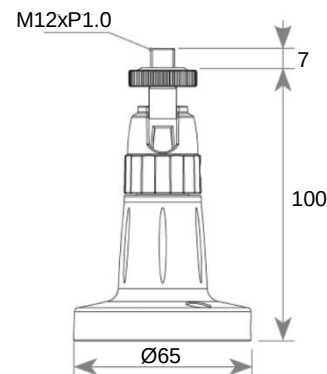
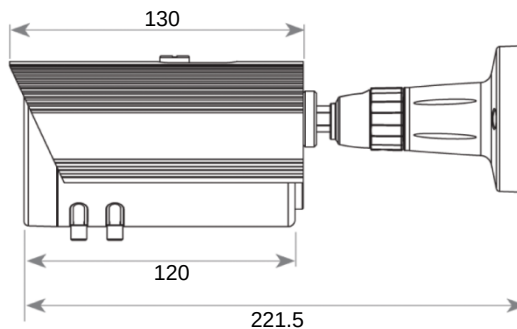
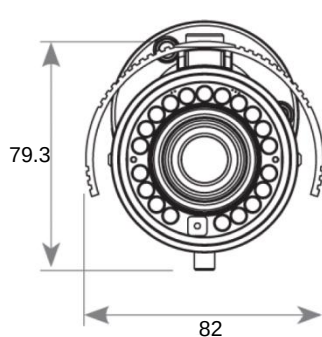
Night Time

External Zoom and Focus Adjustable

KPC-N500NH has convenient external Zoom and focus controller for Easy installation



(Unit: mm)



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Part No.: KPC-N500NH

Technical Specification

Model		KPC-N500NH		KPC-N500PH	
Signal System		NTSC		PAL	
Image Sensor		1/3" Sony Super HAD CCD II			
Scanning System		2:1 Interlace			
Scanning Frequency (H) X (V)		15.734 KHz X 59.94 Hz		15.625 KHz X 50 Hz	
Horizontal Resolution		600 TV Lines			
Total Pixels		811(H) x 508(V)		795(H) x 596(V)	
Effective Pixels		768(H) x 494(V)		752(H) x 582(V)	
Synchronization		Internal			
Luminance S/N		More than 50dB (AGC Off)			
Min. Illumination		0 Lux (IR LED On)			
Gamma		r=0.05 ~ 1.0 Adjustable / User			
Electronic Shutter		1/60 ~ 1/100,000 sec		1/50 ~ 1/100,000 sec	
Video Output Level		1.0 Vp-p Composite (75Ω)			
Lens		Aspheric Vari-Focal DC IRIS Lens (ICR)	Focal Length	2.8 ~ 12.0	9.0 ~ 22.0
			Aperture	F1.2 ~ 360	F1.6 ~ 360
			Angle of View	130.4° ~ 30.4°	40.6° ~ 16.2°
Day and night		True Day and Night			
IR LED		850nm, 20ea, Up to 30m (80FT)			
IR LED Operation		On : 1Lux, Off : 3Lux			
IP Rating		IP66 (Water Repellent)			
OSD Display		Built-in			
Function	Sense-Up	Off/ X2 ~ X256 (Auto Adjustable)			
	3D DNR	Off / On (0 ~ 100 Level Adjustable)			
	D-WDR	Off / Indoor / Outdoor			
	BLC	Off / BLC / HSBLC			
	Image	Freeze / Mirror / D-zoom / Sharpness / NEG.Image			
	Gain Control	Off / Low / Middle / High			
	White Balance	ATW / PUSH / PUSH-LOCK / MANUAL / INDOOR / OUTDOOR			
	Motion Detection	Zone 4ea (Mask On / Off)			
	Privacy Masking	Zone 8ea (Mask On / Off)			
	Language	Standard : English / French / Russian / German / Spanish / Dutch Option 1 : English/ Chinese Option 2 : English / Japanese			
Operating Temperature		-10 °C ~ 50 °C (14 °F ~ 122 °F)			
Storage Temperature		-20 °C ~ 60 °C (-4 °F ~ 140 °F)			
Humidity		Less than 80%			
Power Supply		Dual : DC 12V ±10% (Max 570mA) / AC 24V ±10% (6.7W)			

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