



## Super Night vision Camera

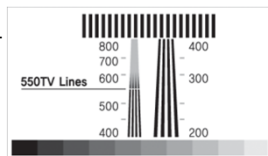
- 550TVL Horizontal Resolution
- True Day & Night (ICR)
- High Performance 45 Units IR LEDs
- Vari-Focal Lens  
(9.0~22mm, 2.8-12mm)
- Outstanding Durability with IP67
- Dipswitch controllable functions
- Monitor Output Terminal for Easy Servicing
- Supports AC/DC Dual Power Supply

## Key Features

- Sony 1/3" Super HAD CCD II
- 550TVL Horizontal Resolution
- Outstanding Durability with IP67
- True Day & Night (ICR) W Built-in 45 IR LEDs
- External Zoom & Focus Adjustable
- Max. 150ft Long Distances Visibility at Night
- Vari-Focal Lens  
(f2.8~ 12.0mm, 9.0~22mm)
- Dipswitch controllable Functions  
(ATW, F/L/ BLC/ AGC)
- Cable Concealed Bracket
- Second Video Connector
- Supports AC/DC Dual Power Supply
- Heater

## Super High Resolution of 550 TV Lines

The new advanced Sony Super HAD CCD II and DSP chipset Built-in KPC-N700NH provides you the world highest horizontal resolution up to 550 TV Lines for color. User can expect extremely clear and excellent visual image quality



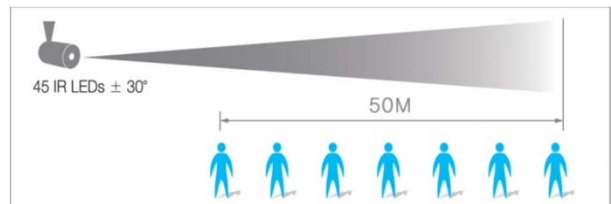
Conventional Camera

KPC-N700NH



## 0 Lux Min. illumination with 45 IR LEDs

KPC-N700NH is Equipped with built-in high performance 45 units of IR LEDs that make the detected dark object extremely bright visual image in total darkness without any light. This camera can cover the reliable video surveillance up to 150 feet long distance



Conventional Camera

KPC-N700NH

## Outstanding Durability with IP67

With Dust and Rain Resistant design with meets IP67 rating, this camera can be installed outdoor under building eaves or the places that are exposed to the dust and rain, basically IP67 means the weatherproof protection



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

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**Part No.: KPC-N700NH**

**True Day & Night with ICR Mechanism**

Dual Filter System Combination built-in, KPC-N700NH 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 Adjustment**

The workmanship to adjust zoom and focus, opening the window cap might cause the humidity complication to the camera. The External Zoom and Focus system with out state of the art technology Provides easy camera installation without opening the window cap to adjust zoom and focus the lens

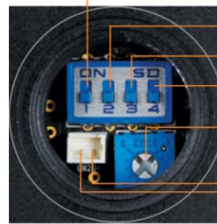


**Second Video Connection and Dip switch**

It provides easy camera installation with Second Video Connection and Dip switches to adjust the camera functions in every surveillance environment



Simply installed by the DC volume adjustment and dip switches. The second video connector also provides easy camera configuration



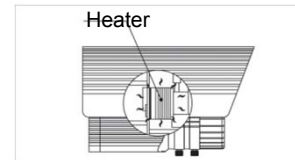
1. ATW (Auto Trace White Balance)
2. F/L (Flickerless)
3. BLC (Back Light Compensation)
4. AGC (Automatic Gain Control)
- DC Iris Volume



Second Video Connector

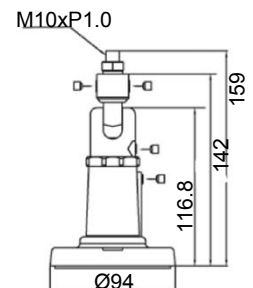
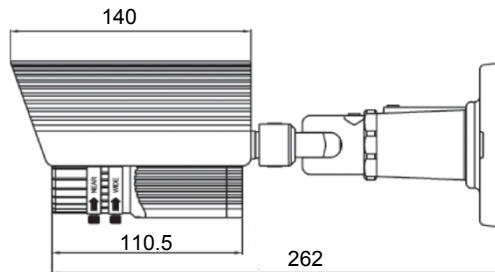
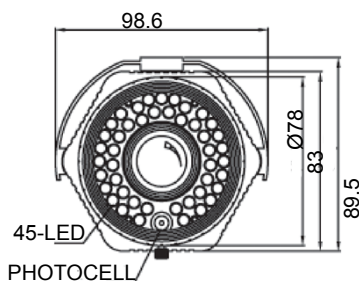
**Heater**

Protects KPC-N700NH from low temperature  
Operating temperature with heater :- 40 °C

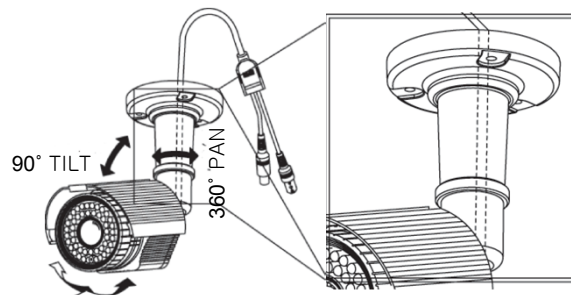
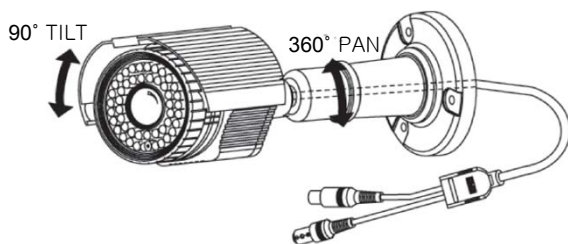


**General Feature Diagram**

(Unit: mm)



**Cable Concealed Bracket**



**Part No.: KPC-N700NH**

## Technical Specification

Model		KPC-N700NH	KPC-N700PH
Signal System		NTSC	PAL
Image Sensor		1/3" Sony Super HAD CCD II	
Scanning System		2:1 Interlace	
Scanning Frequency (H)		15.734 KHz	15.625 KHz
Scanning Frequency (V)		59.94 Hz	50 Hz
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	
Horizontal Resolution		More than 550 TV Lines	
Lens Size		9~22mm, 2.8~12mm Vari-Focal Lens	
S/N		More than 45dB (AGC Off)	
Min. Illumination		0 Lux (IR LED On)	
IR LED		45 IR LEDs, 850nm IIR Wavelength) ±30° Combination, Up to 150Ft (IR Distance)	
IR LED Operation		On (1Lux) / Off (3 Lux)	
Shutter Speed		1/60 ~ 1/100,000 sec	1/50 ~ 1/100,000 sec
Video Output Level		1Vp-p Composite (75Ω), Unbalanced	
Dip Switch Function	AGC (Auto Gain Control)	ON / OFF	
	Flickerless	ON / OFF	
	AGC (Automatic Gain Control)	ON / OFF	
	ATW (Auto Trace White Balance)	ON / OFF	
	DC Iris Volume	Turn high and Low	
Day & Night		True Day & Night (ICR)	
IP Rating		IP67 (Waterproof)	
Gamma		$\gamma = 0.45$	
Operating Temperature		-10 °C ~ 50 °C (14 °F ~ 122 °F)	
		Heater On: -40 °C ~ 50 °C (-40 °F ~ 122 °F)	
Storage Temperature		-20 °C ~ 60 °C (-4 °F ~ 140 °F)	
Humidity		Less than 80%RH	
Power Supply		DC12(±10%),Max 1.1A (IR LED On, Heater On) AC24(±10%),Max 21W (IR LED On, Heater On)	
Dimensions		Ø78mm x 110.5mm : 3.07"(ø) x 4.35"	
Weight		Approx 1.37 Kg : 3.02 lbs	

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