



Ordering Information

NTSC Models

KPC-N701NU18B	2.8~12mm	Black
KPC-N701NU8B	9~22mm	Black
KPC-N701NU18W	2.8~12mm	White
KPC-N701NU8W	9~22mm	White

PAL Models

KPC-N701PU18B	2.8~12mm	Black
KPC-N701PU8B	9~22mm	Black
KPC-N701PU18W	2.8~12mm	White
KPC-N701PU8W	9~22mm	White

Resolution 960

KPC-N701

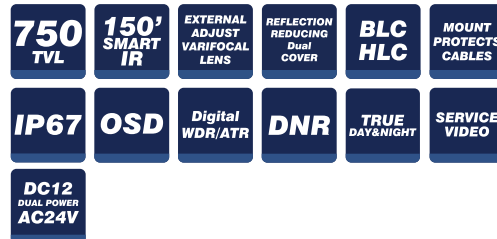
Resolution 960 Series 750+HTVL
IR True D/N Dual Voltage
IP67 Bullet Camera



Resolution 960

KPC-N701

Resolution 960 Series 750+HTVL
IR True D/N Dual Voltage
IP67 Bullet Camera

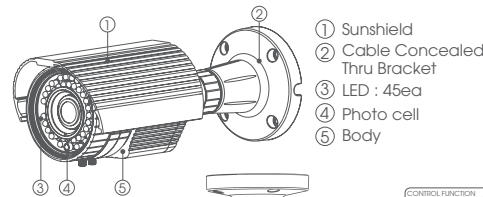


Key Features

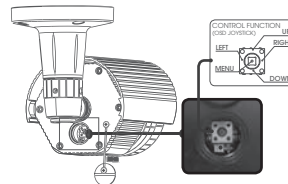
- Superlative resolution of over 750 horizontal TV lines for amazing image quality
- EXview HAD 960H CCD II for sensor high IR sensitivity
- Choose between megapixel 2.8 ~ 12 mm or 9 ~ 22 mm Varifocal DC Iris lens to capture the desired field of view
- True Day/Night zero light operating range of 150 feet or more from 45 'smart' IR LEDs (depending on scene reflectivity)
- Reflection preventing dual section cover glass isolates IR emitters from lens to prevent image distortion
- Simple and easy to use OSD setup menu
 - Adaptive Tone Curve Reproduction (ATR)
 - Electronic Wide Dynamic Range to properly expose images during unbalanced light contrast in the scene
 - Anti Color Roll white balance option resists fluorescent light interference
 - Optional Back Light Compensation (BLC) and Highlight Compensation (HLC)
 - Adjustable 2D-Noise Reduction to increase picture clarity and improve utilization of DVR disk storage
 - Privacy image masking for 4 configurable zones
- Dual voltage (12V DC/24V AC) with Anti Color Roll
- IP67 (Weather Proof)
- Extreme Operating temperature down to -40 degrees
- External lens adjustment and Service Video output for convenient installation, and ease of service
- 3-axis bracket conceals and protects cable
- Five year warranty

www.ktncusa.com

Service Video connector

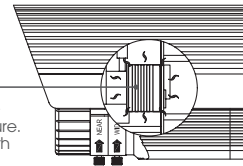


OSD Joystick

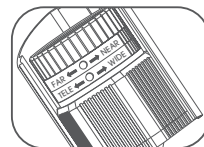


Heater

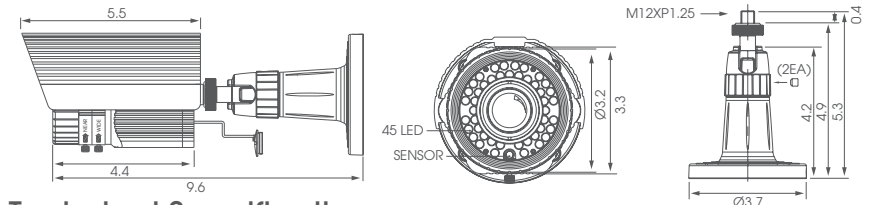
Built in heater protects the camera from low temperature. (Operating temperature with heating 40 °C)



External Zoom & Focus Adjustable



General Feature Diagram (Unit: inch)



Technical Specification

Model	N701NU	N701PU
Imaging Device	1/3" Sony Exview HAD II 960H High Sensitivity Interline CCD	
Video Format	NTSC	PAL
Picture Elements	1020 (H) x 508 (V)	1020 (H) x 596 (V)
Effective Picture Elements	976 (H) x 494 (V)	976 (H) x 582 (V)
Horizontal Resolution	More than 750 TVL from production cameras	
Sensitivity	0 lux with IR on; 0.0001 lux native from sensor – no ghosting	
IR LEDs	45 'smart' auto level adjusting LEDs with output at 850 nm	
IR Range	to 150 feet (depending on scene IR reflectivity)	
IR Switch Points	On at ~1 lux; Off at ~3 lux	
S/N Ratio	Over 50dB (AGC off)	
Video Output	BNC 1.0V p-p 75Ω; video test point inside dome, cable supplied	
Picture Adjust	Gamma 0.45 nominal; adjustable brightness, contrast, saturation, hue and gain	
Lens Type	Varifocal 2.8–12 mm or 9–22 mm Megapixel DC Iris Type	
Positioning	Flexible positioning for wall or ceiling mounting	
Back Light Compensation	OFF / BLC / HSBLC Selectable	
Auto Gain Control	Low light auto, Bright light auto, Manual selectable	
Electronic Shutter	1/60 ~ 1/100,000 sec.	
White Balance	ATW / One Push / User1 / User2 / Anti-Color Roll / Manual / Push Lock	
Sync. Mode	Internal (plus Anti-Color Roll White Balance option above)	
Day & Night	True D/N with motorized IR cut filter; Choose Color, B/W, Auto	
OSD Menu	Multiple functions	
OSD Languages	English, Spanish, Portuguese, German, Russian, Japanese, Chinese, French	
2D-DNR	On/Off (level adjustable)	
Adaptive Tone Curve Reproduction/ Electronic WDR (ATR)	On/Off (3 levels each adjustable for luminance and contrast)	
Mirror (Horizontal)	Off/On	
Motion Detection	Off/On for 4 selectable zones (On screen indication on alarm)	
Privacy Mask	Off/On for 4 selectable zones	
Power Source	12V DC / 24V AC	
Heater	Built in; thermostatically controlled	
Power Consumption	DC 12V nominal 850mA; 1.1A IR and heater on AC 24V nominal 10W; 21W IR and heater on	
Operating Temperature	-40 °F ~ 122 °F (-40 °C ~ 50 °C)	
Storage Temperature	-4 °F ~ 140 °F (-20 °C ~ 60 °C)	
Environmental	IP67 (Weather Proof)	
Mechanical	Metal housing with sun shield; rear weather sealed rear access port for OSD menu and video test point	
Dimensions	Body (across sunshield): 3.88" diameter/5.51" long w/ sunshield; 10.74" in line, longest extension; in 90° position, ~9" long and ~5.5" high	
Weight	2.75 lbs (1.25 kg)	
Certifications	CE / FCC / ROHS	
Warranty	5 years	

