



INNOVATIVE
HIGH DEFINITION SURVEILLANCE

KPC-ND721NUV17

Resolution 960 Series 750+ HTVL
Varifocal IP66 IR Ball Camera

www.ktncusa.com

Resolution
960

For design help, accessories or pricing, please contact:
sales@avsupply.com or call: 1-858-565-1101

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Resolution 960

KPC-ND721NUV17

Resolution 960 Series 750+ HTVL
Varifocal IP66 IR Ball Camera



- Superlative resolution of over 750 horizontal TV lines for amazing image quality
- Flexible positioning for convenient wall or ceiling mounting
- Varifocal 2.8~12 mm lens with externally accessible adjustments captures the desired field of view
- Equipped with 36 IR LEDs for 100 feet/30 m range (depending on scene IR reflectivity)
- Super HAD II sensor delivers amazing low light sensitivity before IR illumination
- Reflection preventing dual section cover glass isolates IR emitters from lens to prevent image distortion
- Cables protected from weather and tampering by the mounting base
- IP66 Weather Resistant
- Vandal resistant
- Full OSD control via 3 axis joystick on the cable
- Adaptive Tone Curve Reproduction ATR/Digital Wide Dynamic Range expansion to deliver properly exposed images despite unbalanced lighting in the scene
- 2D-Noise Reduction increases picture clarity while improving DVR disk storage utilization
- ATW with Anti-Color Roll for stability under fluorescent lighting
- Low current draw 12VDC operation with Anti Color Roll for stability even without line lock
- Optional conduit compatible back box and wall mount arm

ORDERING INFORMATION



KPC-ND721NUV17B:

Resolution 960 IR IP66 Ball Camera 750+TVL,
2.8~12 mm lens, 12VDC 100' range,
OSD (NTSC) Dark Bronze color



KPC-ND721NUV17W:

Resolution 960 IR IP66 Ball Camera 750+TVL,
2.8~12 mm lens, 12VDC 100' range,
OSD (NTSC) White color

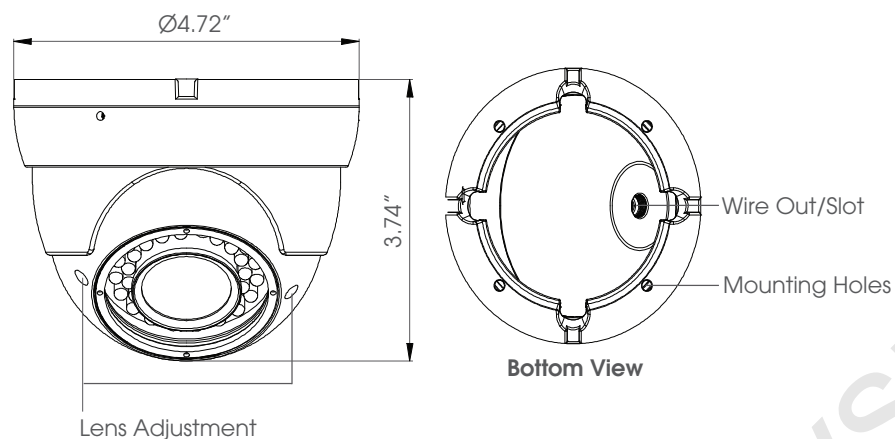
Take advantage of the new 750+ HTVL 960H technology. To achieve the amazing resolution of this advanced imaging technology, the KPC-ND721NUV17 uses a Sony Super HAD II 960H CCD to produce in excess of 750 horizontal TV lines of resolution from each and every Resolution 960 camera we deliver. Combined with a usable native low light sensitivity of 0.05 lux without using digital slow shutter and 36 IR LEDs with a range of 100 feet/30 m or more, this camera truly delivers everything you want in an analog camera: over 750TVL resolution, Digital Wide Dynamic Range for clear color images in the most challenging of bright or unbalanced scene lighting conditions, plus day/night IR enhanced images in zero light. The ND721NUV17 offers flexible positioning for wall or ceiling mounting in a compact IP66 weather resistant, vandal resistant ball housing; varifocal 2.8~12 mm lens with externally accessible adjustments behind reflection preventing dual section cover glass; 12VDC operation and full OSD/DSP functions (DNR to save DVR HDD space, digital WDR to handle excessively bright or unbalanced lighting conditions, anti-color roll for stability under fluorescent lighting, and more). This is the varifocal IR ball camera that you will want to create analog CCTV systems that produce astounding image clarity in a wide range of indoor or outdoor applications at virtually any light level.

* Models vary in different countries. Please visit our website for detailed ordering information.

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OUTLINE DRAWING (unit: inches)



ACCESSORIES



KA-BB721W(B)

KA-WM721W(B)

Technical Specification



Imaging Device	1/3" Sony Super HAD II 960H High Sensitivity Interline CCD
Video Format	NTSC
Actual/Effective Picture Elements	1020(H) x 508(V) / 976(H) x 494(V)
Horizontal Resolution	More than 750 TVL from production cameras
Lens Type	2.8~12 mm Varifocal (external adjustment)
Sensitivity	0 lux with IR on; .05lux native from sensor; no ghosting
IR LEDs	36 LEDs with output at 850nm
IR Range	100 feet (depending on scene IR reflectivity)
S/N Ratio	Over 52 dB (AGC off)
Video Output	BNC 1.0 V p-p 75 Ω Composite
Positioning	Flexible positioning for wall or ceiling mounting
OSD	Multiple Functions; On-cable 3-Axis joystick for OSD control
OSD Language	English; Spanish; French; Portuguese; German; Russian; Chinese
Gamma Correction	0.45 nominal; hue and gain adjustable
Day/Night	Digital Day/Night; Auto (AGC) / Color / B&W / Ext (photocell)
Auto Gain Control	Off, low, middle, high
Electronic Shutter	Auto: 1/60 ~1/100,000 sec.; Fixed/Manual
White Balance	Selectable ATW, AWB, one-push, Manual, ATW with Anti-Color Roll
Sync. Mode	Internal (optional Anti-Color Roll White Balance)
2D-DNR	Off/On with selectable modes and levels
Adaptive Tone Curve Reproduction / Digital WDR (ATR)	Off/On; 3 levels, each with adjustable luminance and contrast level
BLC/HLC	Off/BLC Auto/HLC Auto
Image Adjust	User Controller Contrast and Sharpness
Mirror Image	Off/On
Motion Detection	Four areas programmable for location, size and sensitivity
Privacy Zones	Eight areas programmable for location, size and color
Power Source	DC 12 V \pm 10% (regulated)
Power Consumption	DC 12 V nominal 200 mA; 450 mA IR on
Operating Temperature	-4 $^{\circ}$ F ~ 131 $^{\circ}$ F; -20 $^{\circ}$ C ~ 55 $^{\circ}$ C
Tamper Resistance	Vandal resistant; locking set screws in base
Environmental	IP66 Weather Resistant
Mechanical	Metal housing with removable base for easy mounting
Alignment	Pan 360 $^{\circ}$ / Tilt 140 $^{\circ}$
Dimensions	4.72" (120 mm) diameter; 3.74" (95 mm) high max.
Weight	1.8 pounds / 820 g.
Certifications	CE / FCC
Warranty	3 years

* KT&C America, Inc. reserves the right to make changes to improve our products at any time without notice; we are not responsible for misprints.

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