



Resolution 960

KPC-ND521NU

Resolution 960 Series 750+ HTVL
IP66 IR Ball Camera

- 66' range from 20 IR LEDs
- IP66 (Vandal & Weather Resistant)
- Digital Day & Night
- 2D DNR / AWB / AGC / ATR / DWDR
- 1/3 " SONY 960H Sensor
- 3.6mm
- DC 12 V Power with Anti-Color Roll

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KEY FEATURES

- Superlative resolution of over 750 horizontal TV lines for amazing image quality
- Flexible positioning for convenient wall or ceiling mounting
- 3.6mm lens to capture the desired field of view
- Equipped with 20 IR LEDs for 66 foot/20m range (depending on scene IR reflectivity)
- Exview 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
- 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



KPC-ND521NUW:

Resolution 960 IR IP66 Ball Camera 750+TVL, 3.6mm, 12VDC, 66' range, with DWDR and DNR (NTSC) White color

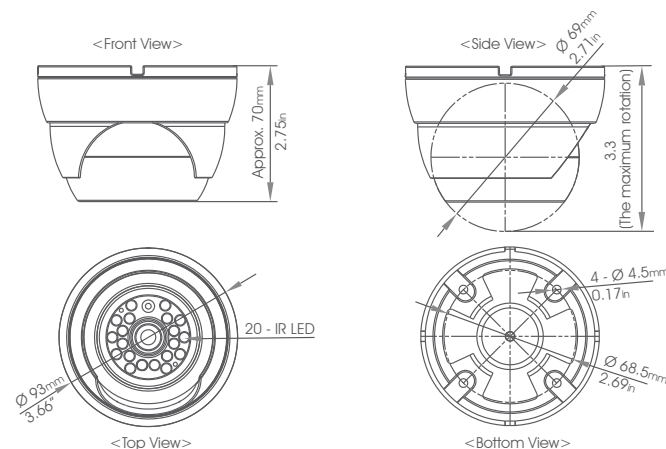
KPC-ND521NUB:

Resolution 960 IR IP66 Ball Camera 750+TVL, 3.6mm, 12VDC, 66' range, with DWDR and DNR (NTSC) Black color



Technical Specification

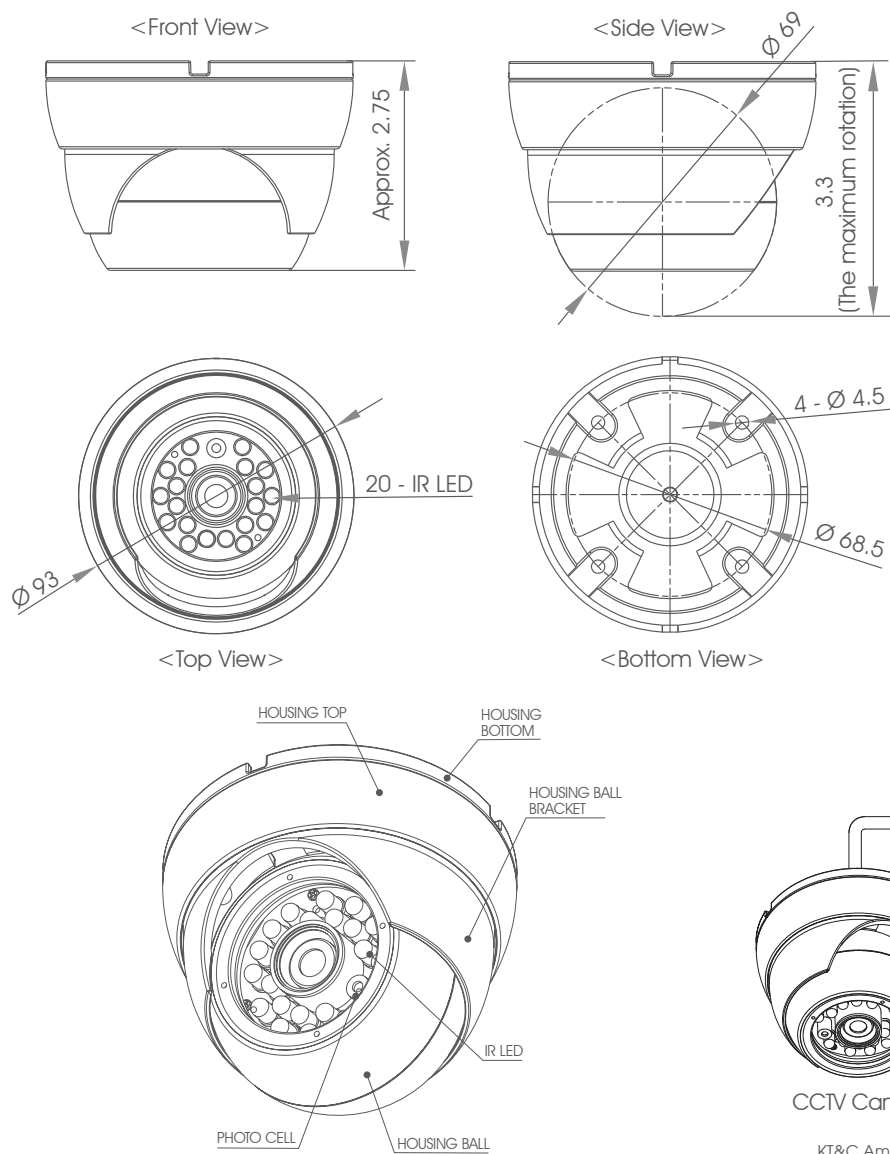
Imaging Device	1/3" Sony Exview HAD II 960H High Sensitivity Interline CCD
Video Format	NTSC
Picture Elements	1020 (H) x 508 (V)
Effective Picture Elements	976 (H) x 494 (V)
Horizontal Resolution	More than 750 TVL from production cameras
Lens Type	3.6 mm Board Type
Sensitivity	0 lux with IR on .05 lux native from sensor
IR LEDs	20 LEDs with output at 850 nm
IR Range	~66 feet (depending on scene IR reflectivity)
IR LED Half Angle	+/- 22 °
S/N Ratio	Over 50 dB (AGC off)
Video Output	BNC 1.0 V p-p 75 Ω Composite
Gamma Correction	γ=0.45
Positioning	Flexible positioning for wall or ceiling mounting
Day/Night	Digital Day/Night
Auto Gain Control	On
Electronic Shutter	1/60 ~ 1/100,000 sec.
White Balance	ATW with Anti-Color Roll
Sync. Mode	Internal (plus Anti-Color Roll White Balance)
2D-DNR	Auto
Adaptive Tone Curve Reproduction (ATR) / Digital WDR	Auto
Power Source	12 V DC +/- 10%
Power Consumption	DC 12 V nominal 80 mA; 300 mA IR on
Operating Temperature	14 °F ~ 122 °F ; -10 °C ~ 50 °C
Storage Temperature	-4 °F ~ 140 °F ; -20 °C ~ 60 °C
Environmental	IP66 weather resistant
Mechanical	Metal housing with base removable for easy mounting
Alignment	Pan 360 ° / Tilt 140 °
Dimensions	3.66" (93 mm) diameter; 2.75 (70 mm)" high max.
Weight	0.7 pounds / 320 g
Certifications	CE / FCC / RoHS



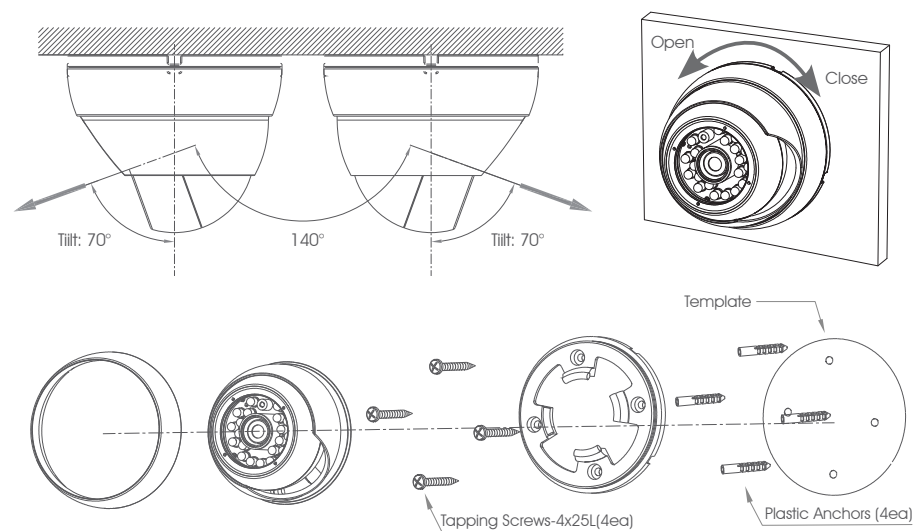
* Models vary in different countries. Please visit our website for detailed ordering information.

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.

GENERAL FEATURE DIAGRAM UNIT: (inches)



CAMERA MOUNTING POSITION



CONNECTION

