



OMNI  
**Resolution 960**  
Everyday

---

 **KPC-DI28V12N**

---

750 TVL, Indoor, 3-Axis, 2.8-12mm  
Easy Twist & Lock Mount

KPC-DI28V12NW: 2.8-12mm, White | KPC-DI28V12NB: 2.8-12mm, Black



**INNOVATIVE**  
HIGH DEFINITION SURVEILLANCE



**OMNI**  
**Resolution 960**  
Everyday

**KPC-DI28V1 2N**

750 TVL, Indoor, 3-Axis, 2.8-12mm  
Easy Twist & Lock Mount



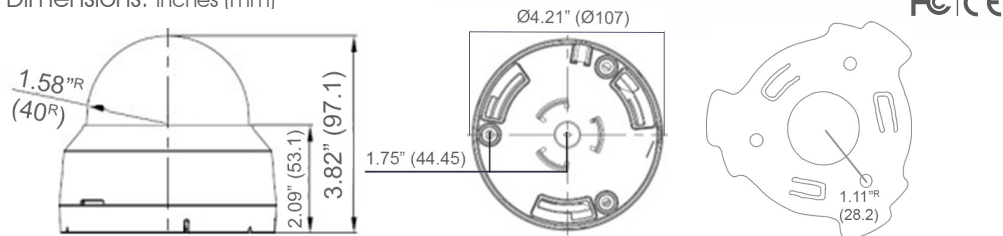
Technical Specifications

Imaging Device	1/3" 960H High Sensitivity CCD
Video Format	NTSC
Picture Elements	NTSC: 1020(H)x508(V)
Effective Picture Elements	NTSC: 976(H) x 494(V)
Horizontal Resolution	More than 750 TVL
Sensitivity	.001 lux native from sensor – no ghosting With lens: .2 lux
S/N Ratio	Over 50dB (AGC off)
Video Output	BNC 1.0V p-p 75Ω; video test point inside dome, cable supplied
Gamma Correction	0.45
Lens Type	2 Megapixel Aspheric Varifocal DC Iris 2.8–12mm F=1.6
Lens Positioning	3-axis flexible positioning for wall or ceiling mounting
Back Light Compensation	OFF/BLC/HLC Selectable
Auto Gain Control	Off/Low/Middle/High
Electronic Shutter	Auto; or 1/60, FLK, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/5000, 1/10000, 1/100000
White Balance	ATW/AWB/AWC->SET/Anti-Color Roll/Manual
Sync. Mode	Internal (plus Anti Color Roll White Balance option above)
Day & Night	Electronic D/N control; Choose Auto or B/W
OSD Menu	Multiple functions using 3-axis joystick
OSD Languages	English, Spanish, Portuguese, German, Russian, Japanese, Chinese, French
2D-DNR	On/Off (level adjustable)
Digital Wide Dynamic Range	On/Off (Level Adjustable)
Mirror	Off/On
Motion Detection	Off/On for 4 selectable zones (On screen indication)
Privacy Mask	Off/On for 8 selectable zones
Lens Shading Correction	Off/On with adjustable level and center
Other OSD Functions	Camera Title with position and Font Color; Image Contrast/Sharpness; CRT/LCD display optimization; Negative Image; DPC(Dead Pixel Compensation)
Power Source	12VDC/24VAC automatic
Power Consumption	12VDC:170mA max. / 24VAC:2.2W max.
Operating Temperature	5°F~140°F ; -15°C~60°C
Environmental	Indoor; up to 80%RH (non-condensing)
Mechanical	Three axis positioning; plastic housing with snap on cover; clear bubble for maximum light transmission, with integral liner to inhibit observation of camera direction; choice of black body (B suffix) and white body (W suffix)
Mounting Options	Included easy-mount twist-on plate (attach to surface; housing base locks to plate); or, mount camera directly to surface if desired. Optional rough-in box adapter (KA-ICMP1) with integral twist-on fits 1 or 2 gang boxes or 4" octagonal boxes
Dimensions	4.21" (107mm) diameter, 3.82" (97.1mm) high With box adapter 5.91" (150mm) diameter x 4.18" (106.1mm) high
Weight	7.41 oz./ 0.46 lb / 210 g
Mounting Options	KA-ICMP1: Junction Box Plate
Certifications	CE / FCC / RoHS

Features

- Superlative resolution of over 750 horizontal TV lines for amazing image quality
- 960H CCD with sensor sensitivity of .001 lux in low light without DSS boost
- Full motion color or digital day/night during low ambient light without ghosting
- Simple and easy to use OSD setup menu
  - Digital Wide Dynamic Range for proper contrast in challenging bright or unbalanced scene lighting conditions
  - Anti Color Roll for proper white balance independent of fluorescent or other types of illumination
  - Optional Back Light Compensation (BLC) and Highlight Compensation (HLC)
  - Adjustable 2D-Noise Reduction to increase low light picture clarity and conserve DVR HDD disk space
  - Privacy masking for 8 configurable zones
  - Lens shading compensation for even exposure out to the lens periphery
- 2.8~12mm 2 Megapixel Aspheric Varifocal DC Iris lens to capture the desired field of view
- Dual voltage (12VDC/24VAC) with low current draw
- Service Video output for convenient installation, and ease of service
- 3-Axis gimbal for convenient wall or ceiling mounting with integral liner to inhibit observation of camera direction
- Included easy-mount twist-on plate (attach to surface; camera locks to plate); or, mount camera directly to surface
- Optional rough-in box adapter with integral twist-on fits 1 or 2 gang boxes or 4" octagonal boxes
- Choose between black and white color housing to blend or contrast with the décor.

Dimensions: Inches (mm)



Accessories



KA-ICMP1  
Easy Twist  
Junction Box  
Plate

www.ktncusa.com

KPC-DI28V12NW: 2.8-12mm, White | KPC-DI28V12NB: 2.8-12mm, Black