




OMNI
Resolution960
Everyday

 **KPC-DI28V1 2IRN**

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



INNOVATIVE
HIGH DEFINITION SURVEILLANCE



OMNI
Resolution 960
Everyday

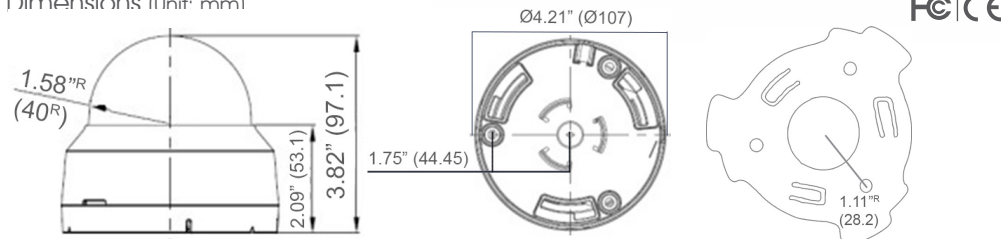
KPC-DI28V1 2IRN

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

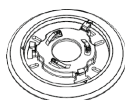
Features

- Superlative resolution of over 750 horizontal TV lines for amazing image quality
- 960H CCD sensor with high IR sensitivity.
- True Day/Night zero light operating range of 100 feet* or more (depending on scene reflectivity) from 24 IR LEDs with Smart automatic exposure level adjust to achieve the desired IR brightness in a user defined area
- 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 (Inch/ mm)



Accessories



KA-ICMP1
Easy Twist
Junction Box
Plate

*As with all IR cameras, IR range will vary based on scene IR reflectivity and illumination
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.



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	0 lux IR on; .001 lux native from sensor
IR LED	24 LEDs, 850nm
IR Range*	100'
Smart IR Exposure Adjust	Off/On; adjustable for gain, size and location of sensing area
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	Auto True D/N with motorized ICR; controlled by photo sensor
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:320mA max. / 24VAC:3.8W 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	8.11 oz./ 0.51 lb. / 230 g
Mounting Options	KA-ICMP1: Junction Box Plate
Certifications	CE / FCC / RoHS

www.ktncusa.com

KPC-DI28V1 2IRNW: 2.8-12mm, White | KPC-DI28V1 2IRNB: 2.8-12mm, Black