



OMNI
Resolution960
Everyday

 **KPC-DR28V1 2IR**

Outdoor, IR Dome: True Day/Night, 750 TVL,
OSD, 2.8-12mm, IP68, 100' Smart IR Range,
-40°, Dual Voltage

KPC-DR28V1 2IRN: 2.8-12mm



INNOVATIVE
HIGH DEFINITION SURVEILLANCE



OMNI
Resolution 960
Everyday

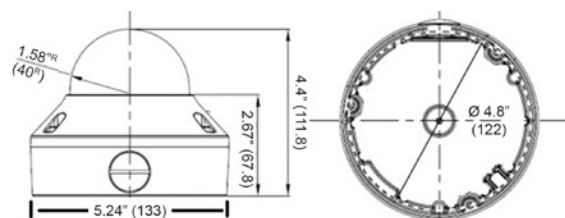
KPC-DR28V1 2IR

Outdoor, IR Dome: True Day/Night, 750 TVL, OSD, 2.8-12mm, IP68, 100' Smart IR Range, -40°, Dual Voltage

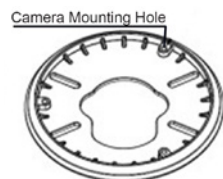
Features

- 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
- 3-Axis gimbal for convenient wall or ceiling mounting with integral liner to inhibit observation of camera direction
- 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
 - Programmable 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
- IP68 weatherproof construction (mounting screws sealed outside of critical electronics) with side 3/4" conduit access
- Extreme Operating temperature range down to -40 degrees
- Service Video output for convenient installation, and ease of service
- Optional KA-RCMP1 rough-in box adapter fits 1 or 2 gang or 4" octagonal/square/round boxes

Dimensions (Unit: mm)



Accessories:



KA-RCMP1
Optional
Electrical Box
Mounting Plate



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' (* As with all IR cameras, IR range will vary based on scene IR reflectivity and illumination)
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-Chroma Crawl 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, Font Color, Image Contrast/Sharpness, CRT/LCD display optimization, Negative Image, DPC(Dead Pixel Compensation)
Power Source	12VDC/24VAC
Power Consumption	12VDC:320mA max. / 24VAC:3.8W max.
Operating Temperature	-40°F~-140°F ; -40°C~60°C
Environmental	IP68 weatherproof
Mechanical	Vandal proof construction
Dimensions	5.24"(133mm) diameter., 4.4"(111.8mm) high With box adapter 5.91" (150mm) diameter x 4.72" (119.8mm) high
Weight	25.75 oz./ 1.61 lb. / 730g
Mounting Options	Side conduit fitting; Optional KA-RCMP1 rough-in box adapter fits 1 or 2 gang or 4" octagonal/square/round boxes
Certifications	CE / FCC / RoHS

www.ktncusa.com

KPC-DR28V1 2IRN: 2.8-12mm