



Resolution HD-SDI

 **KPC-HDR28V12M**

Outdoor Dome: Day/Night, 1080p/720p, OSD,
2.8-12mm, IP68, Dual Voltage

For design help, accessories or pricing, please contact:
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Resolution HD-SDI

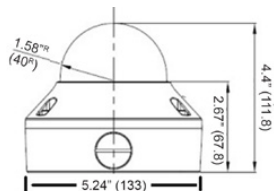
KPC-HDR28V1 2M

Outdoor Dome: Day/Night, 1080p/720p, OSD, 2.8-12mm, IP68, Dual Voltage

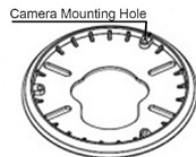
Features

- Digital Day/Night low light operation enhanced by DSS
- 3-Axis gimbal for convenient wall or ceiling mounting with integral liner to inhibit observation of camera direction
- 2.8–12mm 2 Megapixel Aspheric Varifocal DC iris lens to capture the desired field of view
- Simple and easy to use OSD setup menu
 - Digital Slow Shutter (DSS) low light boost
 - Digital Wide Dynamic Range for proper contrast in challenging bright or unbalanced scene lighting conditions
 - Programmable Back Light Compensation (BLC) and Highlight Compensation (HLC)
 - Adjustable 3D-Noise Reduction to increase low light picture clarity and conserve DVR HDD disk space
 - Defog function to improve image clarity from scenes obscured by smoke or haze
 - Privacy masking for 15 configurable zones
- Dual voltage (12VDC/24VAC) with low current draw
- IP68 weatherproof construction (mounting screws sealed outside of critical electronics) with side 3/4" conduit access
- Analog NTSC/PAL 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: Inches (mm)



Accessories:



KA-RCMP1
Optional
Electrical Box
Mounting Plate



Technical Specifications

Imaging Device	1/3" 2.1 Megapixel Panasonic CMOS
Video Format, Main Output	BNC, HD-SDI
Image Output	1920 x 1080 (30/25 FPS) or 1280 x 720 (60/50 FPS)
Effective Picture Elements	1944 (H) x 1092 (V)
Unit Cell Size	2.75µm x 2.75µm
Horizontal Resolution	1080 TVL
Sensitivity	.2 lux native from sensor; .006 lux DSS On
S/N Ratio	Over 52dB (AGC off)
Service Video Output	BNC 1.0V p-p 75Ω; video test point inside dome, cable supplied OSD selectable for NTSC/PAL
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
Highlight Compensation	OFF/ON; Level, Color, Mode Selectable
Auto Gain Control	Off/Low/Middle/High
Electronic Shutter	Auto; or 1/30, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000
White Balance	Auto/Auto Ext/Push Lock/Manual
Sync. Mode	Internal
Day & Night	Digital Day/Night switching with control of level and delay
OSD Menu	Multiple functions using 3-axis joystick
OSD Languages	English, Spanish, Portuguese, German, Russian, Japanese, French
3D-DNR	Off, Low, Middle, High
WDR/BLC	On/Off (Level Adjustable 0–4; area size and position selectable)
Mirror	H, V, HV Flip
Motion Detection	Off/On for 4 selectable zones (On screen indication)
Privacy Mask	Off/On for 15 programmable zones
Digital Slow Shutter	Off, 2X–32X. (Levels beyond 4x–8X should only be used with great care.)
Defog	Off/On with mode and level adjust
Other OSD Functions	Camera Title, Image Contrast/Sharpness,
Power Source	12VDC/24VAC
Power Consumption	12VDC:190mA max. / 24VAC:2.3W max.
Operating Temperature	14 ~140°F ; -10~60°C
Environmental	IP68 waterproof
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	25.6 oz./ 1.6 lb. / 725g
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

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KPC-HDR28V12M: 2.8-12mm

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