



KPC-HD38M

HD Miniature Square Camera

www.ktncusa.com

- 1/2.8" SONY Exmor CMOS
- 2.1 Megapixel
- Min. Illumination of 0.1 Lux
- Min. Exposure Time 1/60,000 sec
- Digital Day & Night
- 3D DNR / BLC / AGC / WDR
- DC 12V Power



HDSDI
HD over coax
High Definition CCTV Cameras



HD^{SDI} HD over coax

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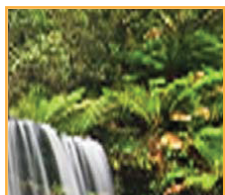


HD camera delivers a megapixel quality video without requiring IT network bandwidth, dropping packets, or reduced resolution from compression.



16:9 HD 1920 x 1080

HD camera provides superior surveillance environment compared to conventional VGA camera.



Conventional



HD

Back Light Compensation Zone & Level

According to the various user environments, user can position the backlight compensation zone and set levels to optimize desired picture.



BLC Off



BLC On

DSS Low Light Technology

Digital Slow Shutter (DSS) is a technology that enhances the low light performance of a camera, producing outstanding images in low light conditions, DSS slow the picture frame rate and increase the cameras sensitivity.



Conventional Camera



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Technical Specification

Image Sensor		2.43 Megapixel, 1/2.8" SONY Exmor CMOS				
Video Output Mode (HD-SDI)		1080p@30fps, 1080p@25fps, 720p@60fps, 720p@50fps				
Video Output Mode (TV Out)		NTSC / PAL selectable				
Effective Pixels (H x V)		1984 x 1105				
Unit Cell Size (H x V)		2.8um x 2.8um				
Lens		Board	3.6mm, 3.7mm (3Mpx.), 6mm, 8mm (1.3Mpx.)			
		Pinhole	4.3mm (P4)			
Lens Type		Fixed Board or Pinhole Lens				
S/N Ratio		More than 50dB				
Min. Illumination		0.1 Lux / F2.0				
Shutter Speed		Auto / Manual				
Min. Exposure Time		1/60,000 sec				
Day & Night		Digital Day & Night				
IR LED	Distance	N/A				
IP Rating		N/A				
On-Screen Display (OSD)		Built-in with joystick				
BLC		On / Off				
DNR		3D DNR				
White Balance		Auto, Push-lock, Manual				
Privacy Masking		30 Zones				
WDR		On / Off				
Digital Zoom		1x ~ 20x				
Digital Slow Shutter		Off, x2, x3, x4				
Operating Temperature		14°F ~ 122°F (-10°C ~ 50°C)				
Storage Temperature		-4°F ~ 158°F (-20°C ~ 70°C)				
Humidity		Operating	Less than 80% RH		Storage	Less than 95% RH
Power Consumption		DC12V (±10%), Max. 160mA				
Dimension	Weight	38.5 x 38.5mm			80g	

General Feature Diagram Unit: (mm)

