KT&C Bldg., 7, Yangcheon-ro 11-gil, Gangseo-gu, Seoul, Korea
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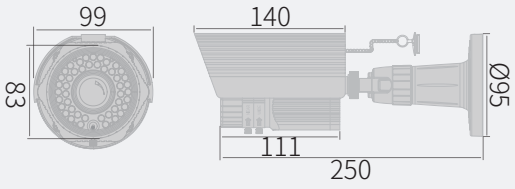
HD-SDI Camera

KPC-HDN722M

- 1/2.8” 2.43MP Progressive Scan CMOS
- 8 Hi-Power LEDs up to 50 m (164ft.)
- Varifocal Lens
- WDR, TDN, 3DNR, DSS, BLC
- IP67
- 12VDC Max. 700mA

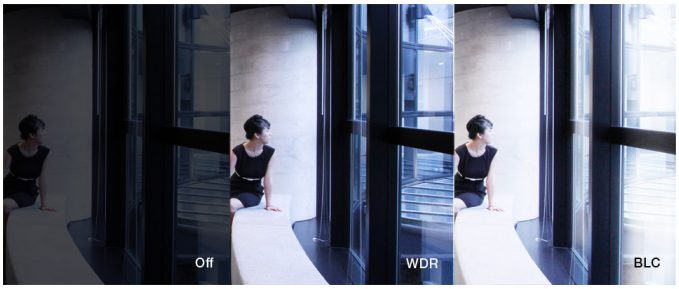


Features

KPC-HDN722M

1/2.8" 2.43MP Progressive Scan CMOS
8 Hi-Power LEDs up to 50 m (164ft.)
Varifocal Lens

WDR, TDN, 3DNR, DSS, BLC
IP67
12VDC Max. 700mA



WDR

WDR technology helps to get detailed information in harsh lighting, by capturing alternate frames using different exposure times. The frame with longer exposure time captures details in darker parts of the scene, while the frame with shorter exposure time captures the brighter areas. The camera combines the optimal portions of these two complementary frames to produce the most detailed image possible.

TDN

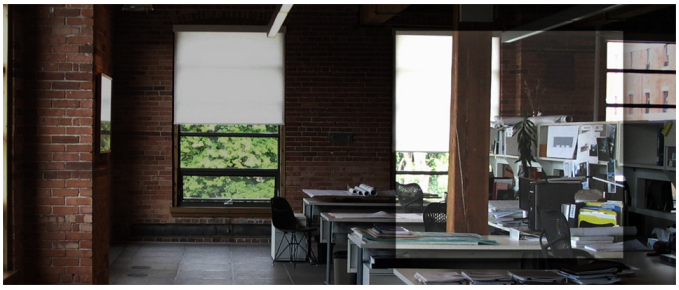
True Day/Night feature can be used for precise color reproduction. With built-in dual filter system, as known as Infrared Cutfilter Removal (ICR) mechanism, the infrared cutfilter can be used at day time, or in bright lighting conditions, to provide enhanced image in full-color. At night time, or in harsh lighting conditions, it will be removed for greater light sensitivity in monochrome mode.

3DNR

DNR technology is crucial for surveillance camera. 3DNR works by analyzing the differences between successive frames in order to adjust pixels and improve.

DSS

Digital Slow Shutter (DSS) technology enhances the low light performance of a camera, producing outstanding images in low light conditions. DSS slows the picture frame rate and increases the camera's sensitivity.



BLC

BLC technology works by reducing the dynamic range of the entire image, while retaining the overall contrast. By compensating for unbalanced in a scene, detail is restored throughout the field of view so as to provide better visibility to identify an object of interest.

IP67

Ingress Protection (IP) rating defines protection against solid objects and liquid on a 0-6 and 0-8 scale.IP67 housing means it's dust-tight and protected against the effects of temporary submersion in water.

KT&C INNOVATIVE HIGH DEFINITION SURVEILLANCE

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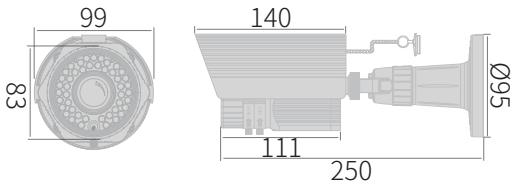
HD-SDI Camera

KPC-HDN722M

Dimensions



Specifications

Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixels	1984(H) x 1225(V), 2.43MP
Max. Video Resolution	1080p@30(25)fps / 720p@60(50)fps
Lens	f=3-9mm (2MP)
FOV	f=3-9mm [Wide: 92.9°(H) x 67.9°(V) / Tele: 31.7°(H) x 23.7°(V)]
F-Stop	f=3-9mm (F1.4)
Min. Illumination (AGC Max)	0.3 Lux (F1.2, ICR Off, DSS Off) / 0.04 Lux (DSS Max.) / 0 Lux (with IR LED On)
S/N Ratio	>50dB
Shutter Speed	1/30(1/25) s - 1/30,000 s
IR LED	8 Hi-Power LEDs (850 nm)
IR Distance	50 m (164 ft.)
Day / Night	True D/N
White Balance	Auto / Auto ext / Push / Manual
Digital Zoom Ratio	1x - 20x
WDR	WDR, D-WDR
BLC	OFF/ON(Area adjustable)
DNR	3DNR

DSS	Off - 8x
AGC	0 ~ 20
Other Function(s)	FLIP(H/V/HV), HLMASK , SHARPNESS , GAMMA , LENS SHADING , PATTERN (COLOR BAR)
Privacy Masking	16 zones
Motion Detection	-
Video Output (Main)	HD-SDI
Video Output (Service)	Composite
OSD Control	Built-in Controller
OSD Language	ENGLISH
Housing Material	Aluminium
IP Rating	IP67
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Max. Power Consumption	12VDC 700mA 24VAC 8.5W / 12VDC 700mA
Dimensions (W x H x D mm)	DC Type: 92.7 x 83 x 111 AC/DC Type: 92.7 x 83 x 169
Weight	DC Type: Approx. 1,370 g (3.02 lbs) AC/DC Type: Approx. 1,900 g (4.19 lbs)

Ordering Information

KPC-HDN722M (Not all combinations are possible)

Signal Type	Voltage	Video Cable	Silk Printing
NTSC	12VDC Only	BNC	KT&C-printed
PAL	Dual (24VAC/10VDC)	Terminal Block	OEM-printed
			Non-printed

Accessory for this product

KA-CB95	KA-CB110
	

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