KT&C Bldg., 7, Yangcheon-ro 11-gil, Gangseo-gu, Seoul, Korea
Tel : +82-2-3662-0118 / Fax : +82-2-3662-0116
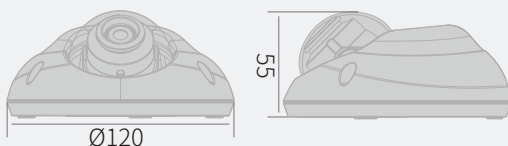ktnc@ktnc.co.kr / sales@ktnc.co.kr

HD-SDI Camera

KPC-HLND45M

- 1/2.8" 2.43MP Progressive Scan CMOS
- 15 IR LEDs up to 10 m (33ft.)
- Fixed Board Lens
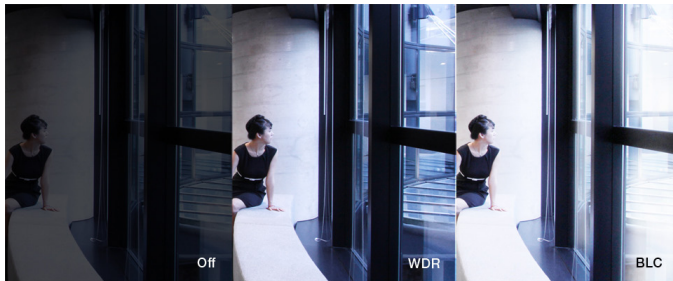- WDR, TDN, 3DNR, DSS, BLC
- IP66
- 12VDC Max. 230mA

Ø120

55

Features

KPC-HLND45M

1/2.8" 2.43MP Progressive Scan CMOS
15 IR LEDs up to 10 m (33ft.)
Fixed Board Lens

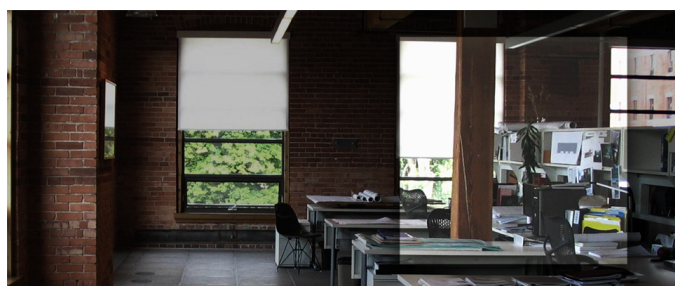WDR, TDN, 3DNR, DSS, BLC
IP66
12VDC Max. 230mA

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.
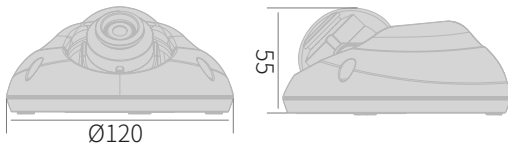

IP66

Ingress Protection (IP) rating defines protection against solid objects and liquid on a 0-6 and 0-8 scale. IP66 housing means it's dust-tight and protected against strong jet-water.

HD-SDI Camera
KPC-HLND45M

Dimensions

Ø120 | 55

Specifications

Image Sensor	1/2.8" Progressive Scan CMOS	DSS	Off - 8x
Effective Pixels	1984(H) x 1225(V), 2.43MP	AGC	0~23dB
Max. Video Resolution	1080p@30(25)fps / 720p@60(50)fps	Other Function(s)	Mirror(H/V/HV), HLMASK, SHARPNESS
Lens	f=3.7mm (3MP)	Privacy Masking	16 zones
FOV	f=3.7mm (116.3°)	Motion Detection	Yes
F-Stop	f=3.7mm (F2.5)	Video Output (Main)	HD-SDI
Min. Illumination (AGC Max)	0.1 Lux (F2.0, ICR Off, DSS Off) / 0.01 Lux (DSS Max.) / 0 Lux (with IR LED On)	Video Output (Service)	Composite
S/N Ratio	>50dB	OSD Control	Built-in Controller
Shutter Speed	1/30(1/25) s - 1/30,000 s	OSD Language	ENGLISH, RUSSIAN, SPANISH, GERMAN, FRENCH, PORTUGUESE, JAPANESE
IR LED	15 LEDs (850 nm)	Housing Material	Aluminium & Plastic
IR Distance	10 m (33 ft.)	IP Rating	IP66
Day / Night	True D/N	Operating Temperature	-10°C to 50°C (14°F to 122°F)
White Balance	Auto / Auto ext / Push Lock / Manual	Max. Power Consumption	12VDC 230mA
Digital Zoom Ratio	1x - 20x		24VAC 3.5W / 12VDC 310mA
WDR	WDR	Dimensions (W x H x D mm)	Ø120 x 55
BLC	OFF/ON	Weight	Approx. 350 g (0.77 lbs)
DNR	3DNR		

Ordering Information

KPC-HLND45M (Not all combinations are possible)

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

KT&C INNOVATIVE HIGH DEFINITION SURVEILLANCE

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