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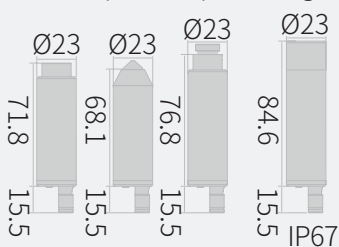ktnc@ktnc.co.kr / sales@ktnc.co.kr

Analog Camera

KPC-EW230U

- 1/3" 960H SONY Double Scan Super HAD CCD II
- Min. Illumination of 0.01 Lux
- Fixed Board / Pinhole Lens
- WDR, 3DNR, DSS, BLC
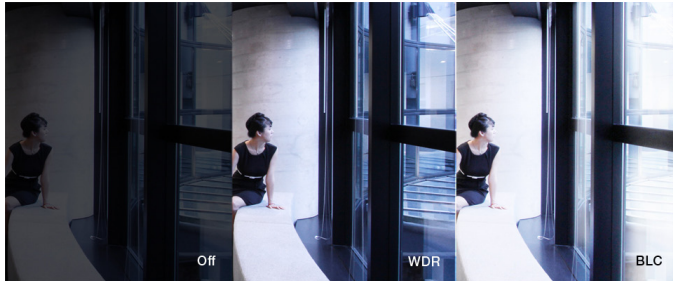- 12VDC Max. 140mA

IP67:Waterproof Cap Housing Only

Ø23   Ø23   Ø23   Ø23

71.8   68.1   76.8   84.6

15.5   15.5   15.5   15.5   IP67

Features

KPC-EW230U

1/3" 960H SONY Double Scan Super HAD CCD II
Min. Illumination of 0.1 Lux
Fixed Board / pinhole Lens

WDR, 3DNR, DSS, BLC
12VDC Max. 140mA

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.
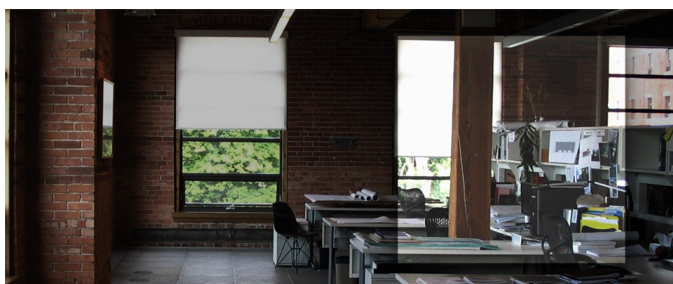
3DNR

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.
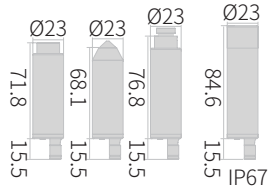
BLC

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.

Analog Camera
KPC-EW230U

Dimensions

IP67:Waterproof Cap Housing Only

Ø23   Ø23   Ø23   Ø23

71.8   68.1   76.8   84.6

15.5   15.5   15.5   15.5 IP67

Specifications

Image Sensor	1/3" 960H SONY Double Scan Super HAD CCD II	WDR	WDR
Effective Pixels	NTSC: 976(H) x 494(V) PAL: 976(H) x 582(V)	BLC	Off / On
		DNR	2D+3DNR
Lens	f=2.45mm / f=2.97mm / f=3.6mm / f=6mm / f=8mm (1.3MP) / f=12mm / f=16mm / f=25mm / f=50mm / f=3.7mmP3 / f=4.3mmP4	DSS	Off ~ 256 field
		AGC	6 - 36dB
		Other Function(s)	Mirror, Contrast, Sharpness
FOV	f=2.97mm (130°) / f=3.6mm (92°) / f=6mm (53°) / f=8mm (40°) / f=12mm (28°) / f=16mm (19°) / f=25mm (13.8°) / f=50mm (9.2°) / f=3.7mmP3 (90°) / f=4.3mmP4 (78°)	Privacy Masking	15 zones
		Motion Detection	4 zones
		Digital Zoom Ratio	1x - 3x
		OSD Control	Built-in Controller
F-Stop	f=2.97mm (F2.0) / f=3.6mm (F2.0) / f=6mm (F2.0) / f=8mm (F2.0) / f=12mm (F2.0) / f=16mm (F2.5) / f=25mm (F2.5) / f=50mm (F2.5) / f=3.7mmP3 (F2.0) / f=4.3mmP4 (F2.0)	OSD Language	English / Spaninsh / Russian / Portuguese / German / French / Chinese / Japanese
		Service Video Out	-
Min. Illumination	0.1 Lux (F2.0, DSS Off) / 0.000001 Lux (DSS Max.)	Housing Material	Aluminum
S/N Ratio	>50 dB (3DNR On, AGC Off)	IP Rating	IP67 (Waterproof Type Only)
Shutter Speed	1/60(1/50) s - 1/100,000 s	Operating Temperature	-40°C to 50°C (-40°F to 122°F) (Waterproof Type)
Flickerless	On / Off	Max. Power Consumption	12VDC 140mA
IR LED	-		
IR Distance	-	Dimensions (W x H x D mm)	Ø23 x 85 (Waterproof Type Only)
Day/Night	Electronic D/N		
White Balance	ATW / Push / User1 / User2 / Anti-CR / Manual / Push lock	Weight	Approx. 68 g (0.15 lbs)

Ordering Information

KPC-E190U (Not all combinations are possible)

Signal Type	Lens	Color
NTSC	f=2.45mm f=2.97mm	Black
PAL	f=3.6mm f=6mm f=8mm (1.3MP) f=12mm f=16mm f=50mm f=3.7mmP3 f=4.3mmP4	White

Accessory for this product

KA-SB500