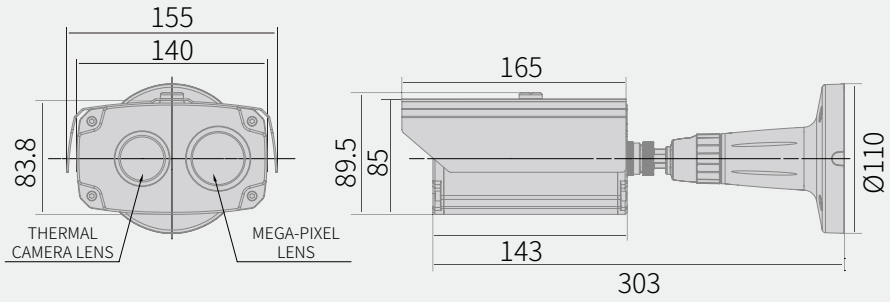
KT&C Bldg., 7, Yangcheon-ro 11-gil, Gangseo-gu, Seoul, Korea
Tel : +82-2-3662-0118 / Fax : +82-2-3662-0116
ktnc@ktnc.co.kr / sales@ktnc.co.kr

IP Camera

KNC-HLWi142M

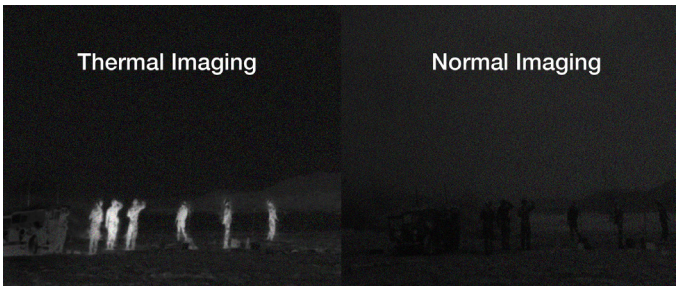
- 640 x 480 Image Sensor
- Uncooled a-Si Micro-bolometer
- Normal / Thermal Lens
- Hot/Cold tracker, Center indicator
- IP67
- 12VDC/PoE



Features

KNC-HLWi142M

640 x 480 Image Sensor
Uncooled a-Si Micro-bolometer
Normal / Thermal Lens
Hot/Cold tracker, Center indicator
IP67
12VDC/PoE

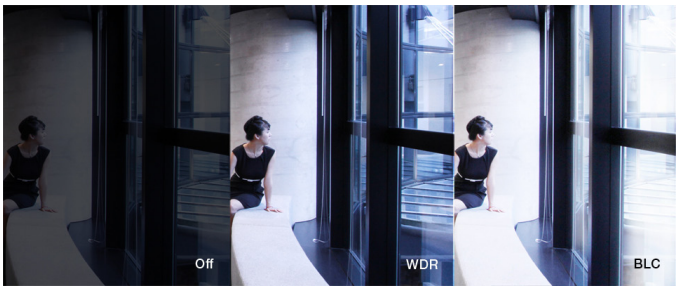


Thermal Imaging

Infrared allows us to see what our eyes cannot see. Thermal imaging is a method of improving visibility of objects in a dark environment by detecting the objects' infrared radiation and creating an image based on that information. With thermal camera, the user cannot miss a potential problem no matter how small it is.

PIP

Picture-in-Picture (PIP) technology is commonly used in display devices, such as television, computer monitors. Picture-in-Picture In video surveillance, PIP feature is used for various reasons. In thermal camera, PIP feature is used to watch normal video imaging stream as well as the thermal imaging stream.



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.

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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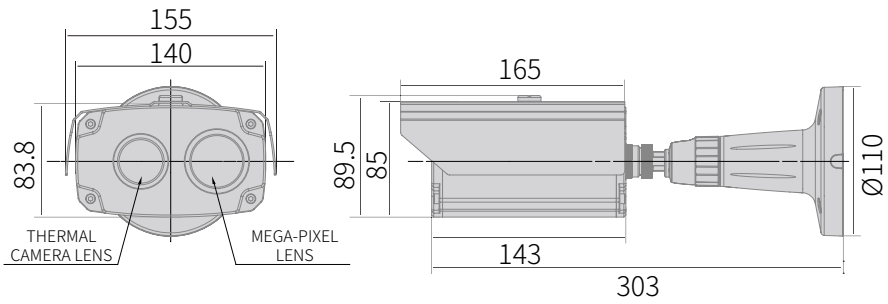
IP Camera

KNC-HLWi142M

Dimensions



Specifications

- PRIMARY CAMERA	
Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixels	1944(H) x 1224(V), 2.38MP
Max. Video Resolution	(1920x1080)@30fps
Multiple Streams	4
Lens	f=6-50mm Varifocal Lens (F1.6)
Min. Illumination	TBD
White Balance	ATW / AWC / Outdoor / Indoor / Manual
Display	PIP, POP
Other Function(s)	WDR, 3DNR, DSS, BLC
Interface	RJ-45 for Ethernet 10baseT/100baseTX with PoE
Analog Video Out	Yes

- THERMAL VIDEO CAMERA	
Image Sensor Resolution	640 x 480
Detector Type	LWIR, Uncooled a-Si Micro-bolometer
Lens	f=20mm Manual Lens (F1.0)
Spectral Range	8 - 14 um
Color Variation	10 colors
Function	Hot/Cold tracker, Center indicator
IP Rating	IP67
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Power Source	PoE (IEEE 802.3af), 12VDC
Max. Power Consumption	TBD
Dimensions (WxHxD, mm)	140 x 83.8 x 143 (w/o sunshield)
Weight	TBD

Ordering Information

KNC-HLWi142M (Not all combinations are possible)

Signal Type	Silk Printing
NTSC	KT&C-printed
PAL	OEM-printed
	Non-printed

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