



**IPB-4850HDI**  
2.1 Megapixel, HD-SDI  
Long Range IR Bullet Camera



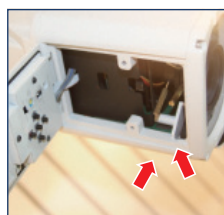
## SPECIFICATIONS

Model	IPB-4850HDI	
<b>VIDEO</b>		
Image Sensor	1/3" CMOS	
Total Pixels	2010(H) x 1108(V)	
Effective Pixels	1944(H) x 1092(V)	
Scanning System	Progressive	
Scanning Frequency	NTSC : 60Hz, PAL: 50Hz	
Synchronization	Internal	
Shutter Speed	AUTO / MANUAL (1/25(30) ~ 1/60,000 sec)	
Horizontal Resolution	Digital: 1080p (30P), 720p (60P)	
S/N Ratio	50dB or more (AGC Off)	
Min. Illumination	0 Lux LED On	
Video Output	HD-SDI, Analog : NTSC/PAL CVBS(w/o WDR)	
<b>LENS</b>		
Lens	[5 ~ 50mm] DC Auto Iris Lens (Option : IR Cut Filter Change)	
Angular Field of View	H : 94.0°(W) ~ 25.0°(T), V : 55.0°(W) ~ 15.0°(T) / H : 43.0°(W) ~ 6.1°(T), V : 32.0°(W) ~ 4.0°(T)	
Iris Control	AUTO / MANUAL	
<b>OPERATIONAL</b>		
On Screen Display	Support	
Day & Night	AUTO / COLOR / B&W / EXT	
Motion Detection	OFF / ON (1 Zone ISO Control / Output OSD)	
Privacy Masking	OFF / ON (32 Areas)	
White Balance	AUTO / AUTOEXT / PRESET / MANUAL	
DNR	3D-DNR : OFF / LOW / MIDDLE / HIGH	
WDR	WDR : ON / OFF and D-WDR : ON / OFF	
Sens-Up	OFF / ON (x4)	
Auto Gain Control	0 ~ 10 Steps	
DPC	AUTO	
Sharpness	0 ~ 10 Steps	
Heater	Option	
<b>ENVIRONMENTAL</b>		
Operating Temp. / Storage Temp.	-10°C~+50°C (With Heater : -40°C~+50°C) / -20°C~+60°C	
Operation humidity	Under 90% (Non-condensing)	
<b>ELECTRICAL</b>		
DC Type	Power	MAX. DC12V 750mA [9.0W] (With Heater : DC12V 1.35A [16.5W])
	Power Supply	DC12V 1.0A / DC12V1.5A (With Heater)
Dual Type	Power	MAX. DC12V 770mA [9.5W] (With Heater : DC12V 1.37A [16.5W]) MAX. AC24V 700mA [17.0W] (With Heater : AC24V 1.0A [24W])
	Power Supply	DC12V 1.0A / DC12V1.5A (With Heater) AC24V 1.0A / AC24V1.5A (With Heater)
<b>MECHANICAL</b>		
Dimensions	238mm(W) x 105mm(H) x 130mm(D)	
Weight	2300g	
IR LED	70EA	
Ingress Protection	IP67	
Certifications	CE, FCC	
Outside Control	Zoom, Focus, OSD	

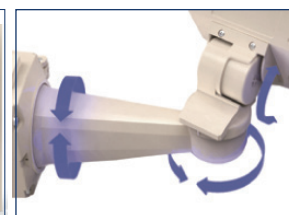
## FEATURES

- 2.1 Megapixels HD-SDI camera
- External Varifocal & Focus control (Open type C-Panel)
- External OSD Key control (Open type Control Panel)
- Concealed cable throuth type with junction box included
- 120 meters IR LED Range (5~50mm Lens / LED High Set)

LENS / BUILT-IN OSD - EASY CONTROL



EASY TO ADJUST BY 3-AXIS BRACKET



## DIMENSIONS



MADE IN KOREA