

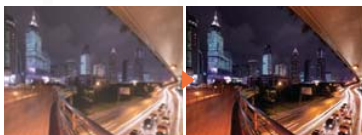
# SEE CLEARLY, GUARD THOROUGHLY

HIGH PERFORMANCE  
BOX CAMERA L321-B/L320-B



## 620 TVL HORIZONTAL RESOLUTION

By removing the optical false color structure using LPF, and combining 12 bit A/D serial signals with image enhancement technology, allows the achievement of 620 TVL resolution. Ultimately providing high-definition monitoring in any environment.

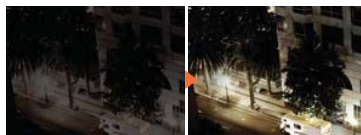


Conventional

620TVL

## LOW ILLUMINATION OF 0.000001 Lux

XDi's Color Matrix Mechanism reduces noise occurred from automatic gain control by using 3D-DNR. Also, by lowering the shutter speed to increase camera exposure, the sens-up technology is achieved. This means sharper, clearer low-light picture quality in dark environments, and even in 0.000001Lux environment in combination with AFE's full features.



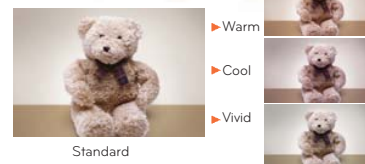
Conventional

0.000001 Lux

## USER COLOR MODE

Select a color mode of your preference, from standard, warm, or vivid. The wide selection of color will satisfy your needs and taste, providing you the optimal image for any scene.

\*\* The color quality in user color mode can differ according to monitor specifications.



Standard

▶ Warm

▶ Cool

▶ Vivid



# OUTSTANDING PICTURE QUALITY

## All-Round Monitoring For Security



L321BP/CP



L321-BN



L320-BP/CP



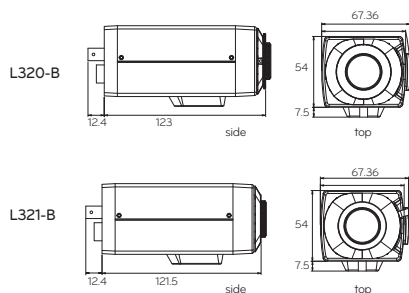
L320-BN

### HIGH PERFORMANCE BOX CAMERA

#### L321-B/L320-B

- 6.0mm (1/3 Type) CCD
- 620 TV Lines
- Min. Illumination : 0.05 Lux (Color mode, Sens-up Off)  
0.000001 Lux (B/W, Sens-up x128)
- ICR Day & Night (L321)
- Digital Day & Night (L320)
- Sens-up (3D-DNR)
- EIS (Electronic Image Stabilization)
- HSBLC (Highlight Suppress BLC)
- Wide Range of White Balance
- 8 Privacy Zone Masking
- 15 Multi-Language OSD
- Low Power Consumption
- DC12V / AC24V
- L321 / L320-C : AC230V

### DIMENSION



### SPECIFICATIONS

Model	L320-BP/CP	L320-BN	L321-BP/CP	L321-BN
Signal System	PAL	NTSC	PAL	NTSC
Total / Effective Pixels No	470K / 440K	410K / 380K	470K / 440K	410K / 380K
Image Device	6.0mm (1/3 Type) CCD			
DSP	XDI-S2			
Lens	CS Mount (C Mount using adaptor ring)			
Digital Zoom	X8			
IRIS Control	DC/ELC			
Sync. System	Internal			
Scanning Frequency(H/V)	15.625KHz/50Hz   15.734KHz/59.94Hz   15.625KHz/50Hz   15.734KHz/59.94Hz			
Horizontal Resolution	620 TV Lines			
S / N Ratio	52dB			
Minimum Illumination (30 IRE)	0.06 lux @ Sens-up OFF 0.0001 lux @ Sens-up Auto B/W 0.03 lux @ Sens-up OFF B/W 0.000001 lux @ Sens-up x 128		0.05 lux @ Sens-up OFF 0.0001 lux @ Sens-up Auto B/W 0.005 lux @ Sens-up OFF B/W 0.000001 lux @ Sens-up x 128	
Control Method	Key button			
Video Output Signal	1Vp-p Composite (75 Ω)			
Day & Night	Auto / Day / Night			
Backlight Compensation	OFF / BLC / HSBLC			
DNR	3D-DNR (Off/Low/Middle/High)			
Auto Gain Control	Off / Low / Middle / High			
Electronic Shutter Speed	1/50 -1/90,000   1/60 -1/90,000   1/50 -1/90,000   1/60 -1/90,000			
Electronic Sensitivity	OFF/Auto (x2, x3, x4...x 128)			
White Balance	ATW / AWC →Push / Manual (1,700°K ~ 11,000°K)			
Motion Detection	4 Zones			
Privacy Zone Masking	8 Masks			
Stabilizer (EIS)	On / Off			
User Color Mode	Standard / Cool / Warm / Vivid			
Multi OSD Language	15 Languages			
Power Source	DC12V/AC24V(Dual)/AC230V   DC12V/AC24V(Dual)   DC12V/AC24V(Dual)/AC230V   DC12V/AC24V			
Power Consumption	2.9W (DC12V/AC24V), 4.4W (AC230V)   4.4W (DC12V/AC24V/AC230V)			
Operation Temp.	-10°C ~ 50°C			
Storage Temp.	-20°C ~ 60°C			
Operation Humidity	0%RH - 80%RH			
Storage Humidity	0%RH - 85%RH			
Weight	380g		415g	
Dimension (H x V x D)	67.4 x 61.5 x 134 mm			
Accessory	Installation Manual			

※ Exact products and specifications shown may vary by geographic region and are subject to change.  
Actual products may differ from the images appearing in the catalog.