

**XDi-II**

 **LG**  
Life's Good



**THE SHARPNESS OF  
650TV LINES!  
L332-BN/BP/CP**

HIGH-RESOLUTION WDR BOX CAMERA



L332-BN/BP/CP

# SUPERIOR PICTURE QUALITY WITH XDI-II TECHNOLOGY!



## High-resolution images of 650TV Lines

L332 is equipped with LG's new ISP (Image Signal Processor) platform XDI-II, and with the largest 520K / 610K (N/P) pixel CCD, delivering clear images of 650TV lines.



Conventional



650TVL

## Night monitoring without the ghost phenomenon

The much improved 3D-DNR function creates no noise and ghost phenomenon in low illumination conditions, ensuring clear images.



Others



LG

## The world's widest WDR Range of 68dB

The world's widest WDR can display objects more brightly, even scenes with significant difference in brightness, compared with other products.



LG

Others

## The embedded ICR sensor further strengthens the durability of the device

The sensor newly attached to ICR Day & Night mechanism can find the location of the filter, resulting in a much more accurate and reliable Day & Night operation.



Conventional



LG

Improved durability

## SPECIFICATION

Model		L332-BN		L332-BP		L332-CP	
Video	Signal System		NTSC		PAL		
	Total / Effective Pixels No.		520K / 490K		610K / 570K		
	Imaging Sensor		6mm (1/3 Type) CCD				
	ISP		XDI-II				
	Lens Type		C/CS Mount (C Mount Using Adaptor Ring)				
	Digital Zoom		x10				
	IRIS Control		DC / ELC				
	Sync. System		Internal / Line Lock				
	Scanning Frequency (H/V)		15.734 KHz / 59.94 Hz		15.625 KHz / 50 Hz		
	Horizontal Resolution		650TV Lines				
	S/N Ratio		50dB				
Operational	Minimum Illumination		Color : 0.0003 Lux @ Sens-up Auto B/W : 0.00003 Lux @ Sens-up Auto				
	(F1.2, 30IRE)						
	Video Output Signal		1Vp-p Composite (75Ω)				
	Day & Night		ICR (Auto / Day / Night)				
	Backlight Compensation		WDR (ACE) / BLC / HSBLC / off				
	DNR		3D-DNR (Off / Low / Middle / High)				
	User Color Mode		Natural / Cool / Warm / Vivid				
	Auto Gain Control		Off / Low / Middle / High				
	Electronic Shutter Speed		1/60 ~ 1/120,000		1/50 ~ 1/120,000		
	Electronic Sensitivity		Off / Auto (x2, x3, x4, ...x128) / Manual (x2, x3, x4, ...x512)				
	White Balance		Auto / ATW (1,700°K ~ 11,000°K ) / One Push / Manual				
Motion Detection		Smart / Regional / Anti-Tampering Motion Detection					
Privacy Zone Masking	Rectangle	8 Mask Zones					
		2 Mask Zones					
		2 Mask Zones					
	Circle	2 Mask Zones					
		2 Mask Zones					
		2 Mask Zones					
Polygon		2 Mask Zones					
Stabilizer (EIS)		On / Off					
Digital Effect		Off / V-Flip / Mirror / Rotate					
Multi OSD Language		15 Languages					
Interface	Communication		RS-485				
Power	Power Source		DC 12V / AC 24V			AC 230V	
	Power Consumption		2.8 W				
Environmental	Operating Temperature / Humidity		-10°C ~ 50°C / 0% ~ 80%RH (Non-Condensing)				
	Storage Temperature / Humidity		-20°C ~ 60°C / 0% ~ 85%RH (Non-Condensing)				
	Certifications		FCC, CE, UL				
Mechanical	Dimension (H x V x D)		67.4 x 61.5 x 134 mm				
	Weight		0.364 kg			0.443 kg	

\* Exact products and specifications shown may vary by geographic region and are subject to change without notice. Actual products may differ from the images appearing in the catalog.

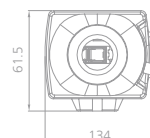
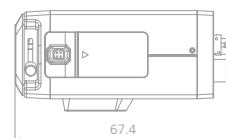
## FEATURES

- 520K/610K (N/P) pixel CCD & XDI-II ISP
- 650TV Lines
- C/CS Mount Lens
- ICR Day & Night
- 3Dimensional-Digital Noise Reduction
- Advanced Wide Dynamic Range with ACE function
- 4 User Color Modes
- Advanced Motion Detection
- 12 Various Privacy Masking Zones
- DC 12V / AC 24V



## DIMENSION

(Unit : mm)



## REAR VIEW



\*The eco-friendly label is attached to those products which have passed LG Electronics' rigorous environmental criteria that evaluate 6 hazardous materials (lead, mercury, cadmium, etc.)



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**XDi-II**



**ENHANCED CLARITY  
WITH 1.3 MEGA LENS!  
L6323-BN/BP, L5323-BN/BP**

HIGH-RESOLUTION DOME CAMERA



L5323-BN/BP



L6323-BN/BP



# SHARPER IMAGES CAPTURED BY X3.6 ZOOM

## 1.3 MEGA, F1.2, x3.6 (2.8~10mm) vari-focal lens

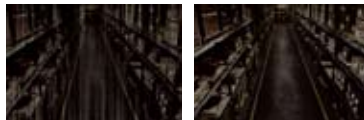
The x3.6 (2.8~10mm) vari-focal lens can adjust the distances, while the 1.3 mega lens of F1.2 can catch high-resolution images even in low lighting conditions.



x3.6 vari-focal lens

## Improved picture quality under high-temperature & low-illumination conditions

Conductivity is improved by changing materials, and the unique XDI - II deterioration removal filter markedly reduces vertical noise phenomena in high-temperature and low-illumination conditions. (30% → 1%)



Conventional

LG

## 12 Various Privacy Masking Zones

Users can adjust shapes, colors, and transparency, thereby creating diverse privacy masking zones.



Advanced Privacy Zone Masking

## SPECIFICATION

Model		L6323-BN	L6323-BP	L5323-BN	L5323-BP
Video	Signal System	NTSC		PAL	
	Total / Effective Pixels No.	520K / 490K		610K / 570K	
	Imaging Sensor	6mm (1/3 Type) CCD			
	ISP	XDI-II			
	Lens Type	Vari-focal 2.8-10mm 1.3 Mega Lens			
	Digital Zoom	x10			
	IRIS Control	DC / ELC			
	Sync. System	Internal / Line Lock			
	Scanning Frequency (H/V)	15.734 KHz / 59.94 Hz		15.625 KHz / 50 Hz	
	Horizontal Resolution	650TV Lines			
S/N Ratio	50dB (AGC Off)				
Minimum Illumination (F1.2, 30IRE)	Color : 0.0003 Lux @ Sens-up Auto B/W : 0.00003 Lux @ Sens-up Auto				
Video Output Signal	1Vp-p Composite (75Ω)				
Operational	Day & Night	ICR (Auto / Day / Night)			
	Backlight Compensation	WDR (ACE) / BLC / HSBLC / Off			
	DNR	3D-DNR (Off / Low / Middle / High)			
	User Color Mode	Natural / Cool / Warm / Vivid			
	Auto Gain Control	Off / Low / Middle / High			
	Electronic Shutter Speed	1/60 ~ 1/120,000		1/50 ~ 1/120,000	
	Electronic Sensitivity	Off / Auto (x2, x3, x4, ...x128) / Manual (x2, x3, x4, ...x512)			
	White Balance	Auto / ATW (1,700 K ~ 11,000 K) / One Push / Manual			
	Motion Detection	Smart / Regional / Anti-Tampering Motion Detection			
	Privacy Zone Masking	Rectangle	8 Mask Zones		
		Circle	2 Mask Zones		
		Polygon	2 Mask Zones		
	Stabilizer (EIS)	On / Off			
	Digital Effect	Off / V-Flip / Mirror / Rotate			
	Multi OSD Language	15 Languages			
Interface	Communication	RS-485			
Power	Power Source	DC 12V / AC 24V			
	Power Consumption	2.8 W			
Environmental	Operating Temperature / Humidity	-10℃ ~ 50℃ / 0% ~ 80%RH (Non-Condensing)			
	Storage Temperature / Humidity	-20℃ ~ 60℃ / 0% ~ 85%RH (Non-Condensing)			
	Certifications	FCC, CE, UL			
Mechanical	Dimension (ø x H)	ø160 x 100.3 mm	ø148.1 x 96.2 mm	ø160 x 100.3 mm	ø148.1 x 96.2 mm
	Weight	0.82 kg	0.51 kg	0.82 kg	0.51 kg

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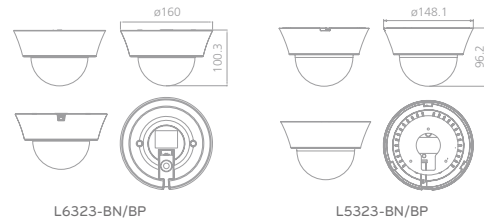
## FEATURES

- 520K/610K (N/P) pixel CCD & XDI-II ISP
- 650TV Lines
- Vari-focal 2.8~10mm 1.3 Mega Lens
- ICR Day & Night
- Advanced Wide Dynamic Range
- 4 User Color Modes
- Advanced Motion Detection
- 12 Various Privacy Masking Zones
- Vandal Proof / IP66 (L6323-BN/BP)
- 3-Axis Mechanism
- DC 12V / AC 24V



## DIMENSION

(Unit : mm)



## REAR VIEW



\*The eco-friendly label is attached to those products which have passed LG Electronics' rigorous environmental criteria that evaluate 6 hazardous materials (lead, mercury, cadmium, etc.)



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