

**Deliver  
Exceptional  
Vision in Every  
Moment**

Capture the details at  
high sensitivity even in darkness



# LNB5110 / LNU5110R LNB7210 / LNU7210R

### Smart IR (LNU5110R, LNU7210R)

Smart IR function enhances the camera IR performance for better image quality



Conventional

LG

### x3 Compact Zoom (LNB7210, LNU7210R)

More detail image, fine focus and easy installation are on remote x3 compact zoom function



x1

x3

### Defog

Defog function supports the clear image in any weather condition such as fog, rain and smog

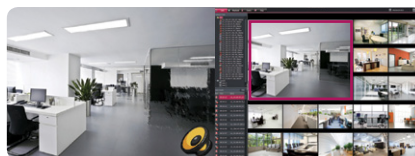


Conventional

LG

### Audio Detection

User can detect abnormal sound like baby cries or a loud noise



### Full HD 60FPS (LNB7210, LNU7210R)

Full HD 60FPS stream allows vivid streaming to users

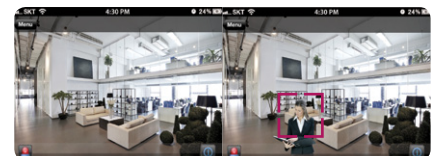


30FPS

60FPS

### Face Detection

By face detection, it is possible to detect people in prohibited areas



\* Above images are for understanding. There might be difference from actual picture

# LNB5110 / LNU5110R 1.3 Megapixel Network Box & Bullet Camera

# LNB7210 / LNU7210R 2 Megapixel 60fps Network Box & Bullet Camera

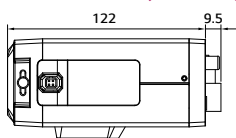


## SPECIFICATIONS

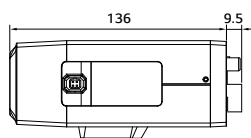
Features	LNB5110	LNU5110R	LNB7210	LNU7210R
<b>Image Sensor</b>	6.28 mm (1/3 Type) CMOS		6.4 mm (1/2.8 Type) CMOS	
<b>Lens Type</b>	CS mountable	3-9 mm F1.2 (x3 Zoom)	CS mountable	3-9 mm F1.2 (x3 Zoom)
<b>Max. Resolution</b>	1280 x 1024		1920 x 1080	
<b>Min. Illumination</b>	Color : 0.03 lux @F1.2 (1/30 sec, 50 IRE) B/W : 0.002 lux @F1.2 (1/30 sec, 50 IRE)	Color : 0.03 lux @F1.2 (1/30 sec, 50 IRE) B/W : 0 lux @ IR LED on	Color : 0.03 lux @F1.2 (1/30 sec, 50 IRE) B/W : 0.003 lux @F1.2 (1/30 sec, 50 IRE)	Color : 0.05 lux @ F1.2 (1/30 sec, 50 IRE) B/W : 0 lux @ IR LED on
<b>Day / Night</b>	ICR (Auto / Day / Night / External / Schedule)			
<b>WDR</b>	Max. 130 dB		Max. 120 dB	
<b>IR LEDs</b>	-	32	-	32
<b>IR Distance</b>	-	40 m	-	30 m
<b>Focus</b>	Manual	Auto	ABF	Auto
<b>Image Enhancement</b>	Backlight compensation / 2D+3D DNR / Defog / Exposure control / AGC / White balance / Privacy masking / Sharpness / EIS / Pivot	Backlight compensation / 2D+3D DNR / Defog / Exposure control / AGC / White balance / Privacy masking / Sharpness / EIS / Pivot / Smart IR	Backlight compensation / 2D+3D DNR / Defog / Exposure control / AGC / White balance / Privacy masking / Sharpness / EIS / Pivot	Backlight compensation / 2D+3D DNR / Defog / Exposure control / AGC / White balance / Privacy masking / Sharpness / EIS / Pivot / Smart IR
<b>Video Analytics</b>	Motion detection, Tampering alarm, Face detection, Intrusion, Crossing line, Object counting, Object removal, Object desertion		Motion detection, Tampering alarm, Face detection, Intrusion, Crossing line, Object counting, Object removal, Object desertion	
<b>Video Compression</b>	H.264 (High profile supported) / MJPEG		H.264 (High profile supported) / MJPEG	
<b>Max. Frame Rate</b>	60 fps @ 1280 x 1024		60 fps @ 1920 x 1080	
<b>Multi-Streaming</b>	Yes (Up to 4)		Yes (Up to 4)	Dual streaming
<b>ROI (Region of Interest)</b>	Smart Codec (Up to 2 per each stream)		Smart Codec (Up to 2 per each stream)	
<b>Streaming on Motion</b>	Yes		Yes	
<b>Text Overlay</b>	Yes		Yes	-
<b>Audio Compression</b>	G.711, G.726		G.711, G.726	
<b>Two-way Audio</b>	Yes		Yes	
<b>Audio Detection</b>	Yes		Yes	
<b>Event Trigger</b>	Video analytics, Audio detection, Alarm input		Video analytics, Audio detection, Alarm input	
<b>Event Notification</b>	Relay Out, Email, FTP		Relay Out, Email, FTP	
<b>Pre/Post Event Buffering</b>	5 / 5 seconds		5 / 5 seconds	
<b>Video In / Out</b>	1 RCA Out	1 BNC Out	1 RCA Out	1 BNC Out
<b>Audio In / Out</b>	1 In / 1 Out		1 In / 1 Out	
<b>Alarm In / Out</b>	1 In / 1 Out		1 In / 1 Out	
<b>RS-485</b>	Yes	-	Yes	-
<b>SD Slot</b>	Micro SD (Up to 32 GB)		Micro SD (Up to 32 GB)	
<b>Ethernet</b>	RJ-45 10/100BASE-T		RJ-45 10/100BASE-T	
<b>Security</b>	Password protection, HTTPS (SSL, TLS), IP filtering, IEEE 802.1X		Password protection, HTTPS (SSL, TLS), IP filtering, IEEE 802.1X	
<b>Open Protocol</b>	ONVIF 2.2 Profile S, PSIA 1.1		ONVIF 2.2 Profile S, PSIA 1.1	
<b>Network</b>	IPV4/6 - TCP, UDP, HTTP, HTTPS, RTP, RTSP, DHCP, ICMP, QoS IPV4 - FTP, SMTP, NTP, ARP, SNMPv1/v2c/v3, DDNS(LG)		IPV4/6 - TCP, UDP, HTTP, HTTPS, RTP, RTSP, DHCP, ICMP, QoS IPV4 - FTP, SMTP, NTP, ARP, SNMPv1/v2c/v3, DDNS(LG)	
<b>Web Viewer</b>	Microsoft Internet Explorer 7.0 - 9.0 (32bit)		Microsoft Internet Explorer 7.0 - 9.0 (32bit)	
<b>Video Management Software</b>	LG Ipsolute VMS Suite, Mobile App (iPhone, iPad, Android)		LG Ipsolute VMS Suite, Mobile App (iPhone, iPad, Android)	
<b>Connections</b>	Up to 20		Up to 20	
<b>Power Source</b>	PoE / DC12V	PoE / DC12V / AC24V	PoE / DC12V	PoE / AC24V / DC12V
<b>Max. Power Consumption</b>	5.9 W	10.6 W	6.9 W	10.6 W
<b>Operating Temperature / Humidity</b>	-10°C ~ 55°C / 0% ~ 80%RH		-10°C ~ 55°C / 0% ~ 80%RH	
<b>Standard Approvals</b>	UL, FCC, CE, KC, Police (China)		UL, FCC, CE, KC, Police (China)	
<b>Color / Material</b>	Black & Silver / Aluminum	White / Aluminum	Black & Silver / Aluminum	White / Aluminum
<b>Ingress Protection</b>	-	IK10, IP66	-	IK10, IP66
<b>Dimension</b>	69 x 54 x 122 mm	92 x 90 x 339 mm	69 x 54 x 136 mm	92.1 x 89.8 x 338.6 mm
<b>Weight</b>	365 g	1.54 kg (1.7 kg with Sunshield)	395 g	1.54 kg (1.7 kg with Sunshield)

\* 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.

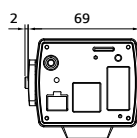
## DIMENSION (Unit : mm)



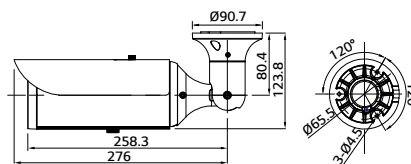
[ LNB5110\_Side ]



[ LNB7210\_Side ]



[ LNB5110, LNB7210\_Rear ]



[ LNU5110R / LNU7210R\_Side / Rear ]



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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.)



<http://www.lgcommercial.com/security-en>