

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

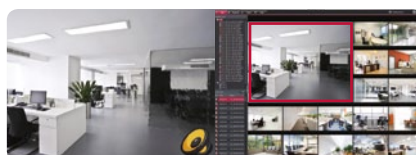


Conventional

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

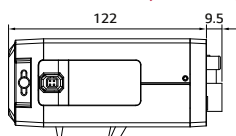


SPECIFICATIONS

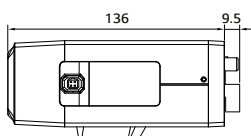
Features	LNB5110	LNU5110R	LNB7210	LNU7210R
Image Sensor	6.28 mm (1/3 Type) CMOS		6.4 mm (1/2.8 Type) CMOS	
Lens Type	CS mountable	3-9 mm F1.2 (x3 Zoom)	CS mountable	3-9 mm F1.2 (x3 Zoom)
Max. Resolution	1280 x 1024		1920 x 1080	
Min. Illumination	Color : 0.03 lux @F1.2 (1/30 sec, 50 IRE) B/W : 0.002 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
Day / Night	ICR (Auto / Day / Night / External / Schedule)		ICR (Auto / Day / Night / External / Schedule)	
WDR	Max. 130 dB		Max. 120 dB	Max. 108 dB
IR LEDs	-	20	-	32
IR Distance	-	40 m	-	30 m
Focus	Manual	Auto	ABF	Auto
Image Enhancement	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
Video Analytics	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	
Video Compression	H.264 (High profile supported) / MJPEG		H.264 (High profile supported) / MJPEG	
Max. Frame Rate	60 fps @ 1280 x 1024		60 fps @ 1920 x 1080	
Multi-Streaming	Yes (Up to 4)		Yes (Up to 4)	Dual streaming
ROI (Region of Interest)	Smart Codec (Up to 2 per each stream)		Smart Codec (Up to 2 per each stream)	
Streaming on Motion	Yes		Yes	
Text Overlay	Yes		Yes	-
Audio Compression	G.711, G.726		G.711, G.726	
Two-way Audio	Yes		Yes	
Audio Detection	Yes		Yes	
Event Trigger	Video analytics, Audio detection, Alarm input		Video analytics, Audio detection, Alarm input	
Event Notification	Relay Out, Email, FTP		Relay Out, Email, FTP	
Pre/Post Event Buffering	5 / 5 seconds		5 / 5 seconds	
Video In / Out	1 RCA Out	1 BNC Out	1 RCA Out	1 BNC Out
Audio In / Out	1 In / 1 Out		1 In / 1 Out	
Alarm In / Out	1 In / 1 Out		1 In / 1 Out	
RS-485	Yes	-	Yes	-
SD Slot	Micro SD (Up to 32 GB)		Micro SD (Up to 32 GB)	
Ethernet	RJ-45 10/100BASE-T		RJ-45 10/100BASE-T	
Security	Password protection, HTTPS (SSL, TLS), IP filtering, IEEE 802.1X		Password protection, HTTPS (SSL, TLS), IP filtering, IEEE 802.1X	
Open Protocol	ONVIF 2.2 Profile S, PSIA 1.1		ONVIF 2.2 Profile S, PSIA 1.1	
Protocol	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)	
Web Viewer	Microsoft Internet Explorer 7.0 - 9.0 (32bit)		Microsoft Internet Explorer 7.0 - 9.0 (32bit)	
Video Management Software	LG Ipsolute VMS Suite, Mobile App (iPhone, iPad, Android)		LG Ipsolute VMS Suite, Mobile App (iPhone, iPad, Android)	
Connections	Up to 20		Up to 20	
Power Source	PoE / DC12V	PoE / DC12V / AC24V	PoE / DC12V	PoE / AC24V / DC12V
Max. Power Consumption	5.9 W	10.6 W	6.9 W	10.6 W
Operating Temperature / Humidity	-10°C ~ 55°C / 0% ~ 80%RH		-10°C ~ 55°C / 0% ~ 80%RH	
Standard Approvals	UL, FCC, CE, KC, Police (China)		UL, FCC, CE, KC, Police (China)	
Color / Material	Black & Silver / Aluminum	White / Aluminum	Black & Silver / Aluminum	White / Aluminum
Ingress Protection	-	IK10, IP66	-	IK10, IP66
Dimension	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
Weight	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.

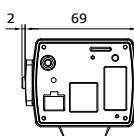
DIMENSION (Unit : mm)



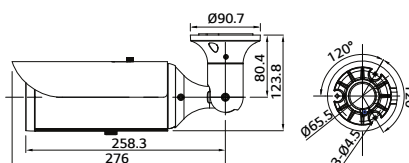
[LNB5110_Side]



[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.lgecommercial.com/security-en>