

**Deliver  
Exceptional  
Vision in Every  
Moment**



LNV5320R

Capture the details at  
high sensitivity even in darkness

**LNB5320/LNU5320R/LNV5320R**



LNB5320



LNU5320R

# LNB5320/LNU5320R/LNV5320R

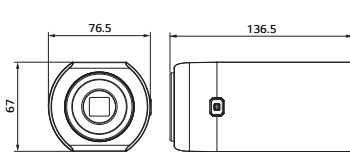
## 3 Megapixel Network Box/Bullet/Vandal Dome Camera

### SPECIFICATIONS

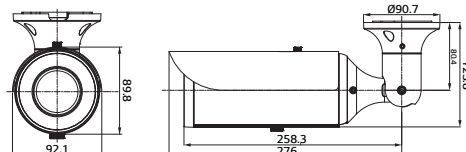
Features	LNB5320	LNU5320R	LNV5320R
<b>Image Sensor</b>	6.46 mm (1/2.8 Type) CMOS	6.46 mm (1/2.8 Type) CMOS	6.46 mm (1/2.8 Type) CMOS
<b>Mount Type / Lens</b>	CS mountable	3-9 mm F1.2 (x3 Zoom)	3-9 mm F1.2 (x3 Zoom)
<b>Min. Illumination</b>	Color : 0.05 lux @ F1.2 (1/30 sec, 50 IRE) B/W : 0.005 lux @ 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	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)	ICR (Auto / Day / Night / External / Schedule)	ICR (Auto / Day / Night / External / Schedule)
<b>WDR</b>	Digital (Automatic Tone Control)	Digital (Automatic Tone Control)	Digital (Automatic Tone Control)
<b>IR LEDs</b>	-	32	16
<b>IR Distance</b>	-	30 m	30 m
<b>Focus</b>	ABF	Auto	Auto
<b>Image Setting</b>	Mirror, V-Flip, Pivot, BLC, HSBL, ATC, Defog, Exposure control, Brightness, White balance, 2D+3D Noise reduction, Color saturation, Sharpness	Mirror, V-Flip, Pivot, BLC, HSBL, ATC, Defog, Exposure control, Brightness, White balance, 2D+3D Noise reduction, Color saturation, Sharpness, Smart IR	Mirror, V-Flip, Pivot, BLC, HSBL, ATC, Defog, Exposure control, Brightness, White balance, Color saturation, 2D+3D Noise reduction, Sharpness, Smart IR
<b>Video Compression</b>	H.264 (High profile supported) / MJPEG	H.264 (High profile supported) / MJPEG	H.264 (High profile supported) / MJPEG
<b>Resolution</b>	2048 x 1536 / 1920 x 1080 / 1280 x 1024 / 1280 x 720 / D1 (720 x 576) / CIF (352 x 240)	2048 x 1536 / 1920 x 1080 / 1280 x 1024 / 1280 x 720 / D1 (720 x 576) / CIF (352 x 240)	2048 x 1536 / 1920 x 1080 / 1280 x 1024 / 1280 x 720 / D1 (720 x 576) / CIF (352 x 240)
<b>Max. Frame Rate</b>	30 fps @ 2048 x 1536	30 fps @ 2048 x 1536	30 fps @ 2048 x 1536
<b>Multi-Streaming</b>	4	4	4
<b>ROI (Region of Interest)</b>	Smart codec (Up to 8)	Smart codec (Up to 8)	Smart codec (Up to 8)
<b>Privacy Mask</b>	Yes (Up to 4)	Yes (Up to 4)	Yes (Up to 4)
<b>Motion Detection</b>	Yes	Yes	Yes
<b>Video Analytics</b>	Intrusion, Crossing line, Object counting, Object removal, Object desertion	Intrusion, Crossing line, Object counting, Object removal, Object desertion	Intrusion, Crossing line, Object counting, Object removal, Object desertion
<b>Streaming on Motion</b>	Yes	Yes	Yes
<b>Text Overlay</b>	Yes	Yes	Yes
<b>Audio Compression</b>	G.711, G.726	G.711, G.726	G.711, G.726
<b>Two-way Audio</b>	Yes	Yes	Yes
<b>Audio Detection</b>	Yes	Yes	Yes
<b>Event Trigger</b>	Motion/Tamper detection, Video analytics, Audio detection, Alarm input	Motion/Tamper detection, Video analytics, Audio detection, Alarm input	Motion/Tamper detection, Video analytics, Audio detection, Alarm input
<b>Event Notification</b>	Relay out, Email, FTP	Relay out, Email, FTP	Relay out, Email, FTP
<b>Pre/Post Event Buffering</b>	5 / 5 seconds	5 / 5 seconds	5 / 5 seconds
<b>Analog Video Out</b>	-	-	-
<b>Audio In / Out</b>	1 In / 1 Out	1 In / 1 Out	1 In / 1 Out
<b>Alarm In / Out</b>	1 In / 1 Out	1 In / 1 Out	1 In / 1 Out
<b>RS-485</b>	Yes	-	-
<b>Storage</b>	Micro SD (Up to 64 GB)	Micro SD (Up to 64 GB)	Micro SD (Up to 64 GB)
<b>Ethernet</b>	RJ-45 10/100BASE-T	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	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	ONVIF 2.2 Profile S, PSIA 1.1
<b>Protocol</b>	IPv4/6 - TCP, UDP, HTTP, HTTPS, RTP, RTSP, DHCP, ICMP, QoS, UPnP port forwarding IPv4 - FTP, SMTP, NTP, ARP, SNMPv1/v2c/v3, DDNS(LG)	IPv4/6 - TCP, UDP, HTTP, HTTPS, RTP, RTSP, DHCP, ICMP, QoS, UPnP port forwarding IPv4 - FTP, SMTP, NTP, ARP, SNMPv1/v2c/v3, DDNS(LG)	IPv4/6 - TCP, UDP, HTTP, HTTPS, RTP, RTSP, DHCP, ICMP, QoS, UPnP port forwarding IPv4 - FTP, SMTP, NTP, ARP, SNMPv1/v2c/v3, DDNS(LG)
<b>Web Viewer</b>	Microsoft Internet Explorer 8.0 ~ 11	Microsoft Internet Explorer 8.0 ~ 11	Microsoft Internet Explorer 8.0 ~ 11
<b>Video Management Software</b>	LG Ipsolute VMS Suite, Mobile App (iPhone, iPad, Android)	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	Up to 20
<b>Power Source</b>	DC12V / PoE	DC12V / AC24V / PoE	DC12V / PoE
<b>Max. Power Consumption</b>	6.9 W	10.6 W	10.4 W
<b>Max. Input Current</b>	590 mA (DC12V) / 150 mA (PoE)	670 mA (AC24V) / 750 mA (DC12V) / 200 mA (PoE)	730 mA (DC12V) / 280 mA (PoE)
<b>Operating Temperature / Humidity</b>	-10°C ~ 55°C / 0% ~ 80%RH	-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)	UL, FCC, CE, KC, Police (China)
<b>Language</b>	English, Korean, Chinese, Japanese, Portuguese	English, Korean, Chinese, Japanese, Portuguese	English, Korean, Chinese, Japanese, Portuguese
<b>Color / Material</b>	Black & White / Diecasting	White / Diecasting	White / Diecasting
<b>Ingress Protection</b>	-	IK10, IP66	IK10, IP66
<b>3-Axis</b>	-	-	Pan/Tilt: Motorized Rotate: Manual
<b>Dimension</b>	76.5 x 67.0 x 136.5 mm	92 x 90 x 339 mm	Ø140 x 122 mm
<b>Weight</b>	356 g	1.52kg (1.7kg with Sunshield)	946g

\* 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.

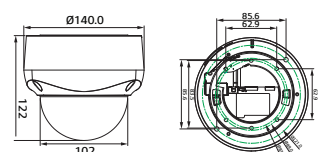
### DIMENSION (Unit : mm)



[ LNB5320\_ Front / Side ]



[ LNU5320R\_ Front / Side ]



[ LNV5320R\_ Side / Rear ]



Home Entertainment Company  
Security Overseas Marketing Team  
LG Twin Towers, 20 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721, Korea

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>