

# Deliver Exceptional Vision in Every Moment

## FEATURES

### Camera

- Full-HD 1080P high resolution
- Min. 0Lux
- D&N(ICR), Digital WDR

### DVR

- 4/8/16CH Analog HD Recorder
- Up to 480fps recording



# LAD3200R/LAV3200R/LAU3200R Full-HD 1080P High Resolution Analog Cameras

## LRA3040N/LRA3080N/LRA3160N 4/8/16 CH Analog HD recorder

### SPECIFICATIONS Camera

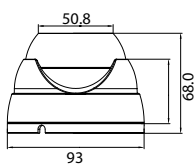
Features	LAU3200R	LAV3200R	LAD3200R	
Image Sensor	6.23 mm (1/2.9 Type) CMOS	6.23 mm (1/2.9 Type) CMOS	6.23 mm (1/2.9 Type) CMOS	
Lens	4 mm F2.1	2.8-12 mm F1.4	4 mm F2.1	
Min. Illumination	0 lux @ IR LED on	0 lux @ IR LED on	0 lux @ IR LED on	
Day / Night	ICR (Auto)	ICR (Auto)	ICR (Auto)	
WDR	Digital (Automatic Tone Control)	Digital (Automatic Tone Control)	Digital (Automatic Tone Control)	
Camera	Electronic Shutter	Auto	Auto	
	3D-DNR	Auto	Auto	
	Gain Control	Auto	Auto	
	IR LEDs	30	28	
	IR Distance	20 m	30 m	
	Focus	Fixed	Manual	
	Video Format	AHD	AHD	
	Max. Frame Rate	30 fps @ 1920 x 1080 (NTSC) 25 fps @ 1920 x 1080 (PAL)	30 fps @ 1920 x 1080 (NTSC) 25 fps @ 1920 x 1080 (PAL)	30 fps @ 1920 x 1080 (NTSC) 25 fps @ 1920 x 1080 (PAL)
Video	Synchronization	Internal	Internal	
	Max. Transmission Distance	500m (75Ω-5C)	500m (75Ω-5C)	
	Interface	BNC	BNC	
	Power Source	DC12V	DC12V	
	Max. Power Consumption	4.2 W	4.2 W	
	Operating Temperature / Humidity	-10°C ~ 55°C / 0% ~ 80%RH	-10°C ~ 55°C / 0% ~ 80%RH	-10°C ~ 55°C / 0% ~ 80%RH
	Standard Approvals	UL, FCC, CE, KC, VCCI, Police (China)	UL, FCC, CE, KC, VCCI, Police (China)	UL, FCC, CE, KC, VCCI, Police (China)
	Color / Material	White / Diecasting	White / Diecasting	White / Diecasting
General	Ingress Protection	IP66	IP66	
	Dimension (Ø x H)	70.3 x 66.0 x 172.8 mm	Ø147 x 112.2 mm	Ø93 x 68 mm
	Weight	340 g	820 g	330 g

### SPECIFICATIONS DVR

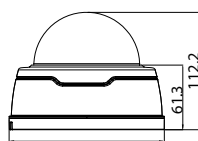
Features	LRA3160N	LRA3080N	LRA3040N
Camera Input	16 channels	8 channels	4 channels
Video Compression	H.264	H.264	H.264
Video	NTSC	NTSC	NTSC
	240 fps @ 1920 x 1080 480 fps @ 1280 x 720 480 fps @ 960 x 480	120 fps @ 1920 x 1080 240 fps @ 1280 x 720 240 fps @ 960 x 480	60 fps @ 1920 x 1080 120 fps @ 1280 x 720 120 fps @ 960 x 480
	PAL	PAL	PAL
Max. Frame Rate	240 fps @ 1920 x 1080 400 fps @ 1280 x 720 400 fps @ 960 x 576	120 fps @ 1920 x 1080 200 fps @ 1280 x 720 200 fps @ 960 x 576	60 fps @ 1920 x 1080 100 fps @ 1280 x 720 100 fps @ 960 x 576
Live View Layout	1 / 4 / 9 / 12 / 16 / 1+5 / 1+7 / 2+8 / 1+9 / 1+12 / 4+9 / 1+13 / SEQ	1 / 4 / 9 / 1+5 / 1+7 / SEQ	1 / 4 / SEQ
Recording Mode	Continuous, Manual, Motion detect	Continuous, Manual, Motion detect	Continuous, Manual, Motion detect
Max. Playback Channel	Monitor: 16ch Web: 4ch	Monitor: 8ch Web: 4ch	Monitor: 4ch Web: 4ch
Event	Event Triggers	Motion detection	Motion detection
	Event Notification	Email, Buzzer	Email, Buzzer
Storage	Max. Internal HDDs	1 x 3.5" SATA (Max. 6 TB)	1 x 3.5" SATA (Max. 6 TB)
	Ethernet	RJ-45 10/100BASE-T	RJ-45 10/100BASE-T
Interface	Video Out	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA
	Video Input	16 x BNC	8 x BNC
	Audio In / Out	4 In / 1 Out (RCA)	4 In / 1 Out (RCA)
	Control	1 x RS485	1 x RS485
	USB	1 x USB 2.0, 1 x USB 3.0	2 x USB 2.0
General	Power Source	DC12V / 2.5A	DC12V / 2.5A
	Operating Temperature / Humidity	0°C ~ 40°C / 0% ~ 80%RH	0°C ~ 40°C / 0% ~ 80%RH
	Language	English, Korean, Chinese, Japanese	English, Korean, Chinese, Japanese
	Dimensions	300.0 x 208.7 x 48.4 mm	300.0 x 208.7 x 48.4 mm
	Weight	1.04 Kg (HDD not included)	0.98 Kg (HDD not included)

\* 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.

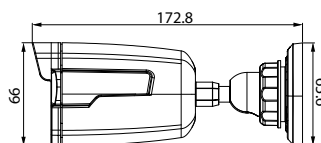
### DIMENSION (Unit : mm)



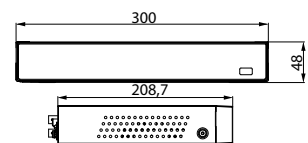
[LAD3200R]



[LAV3200R]



[LAU3200R]



[LRA3040N / LRA3080N / LRA3160N]



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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>