

KEY FEATURES



COAXIAL COMMUNICATION



H.264 COMPRESSION



HIGH-DEFINITION DISPLAY, HDMI

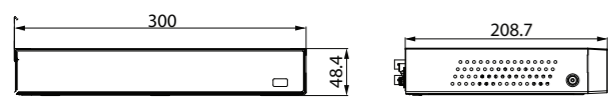


SPECIFICATIONS

Features	LRA3160N	LRA3080N	LRA3040N	
Camera Input	16 Channels	8 Channels	4 Channels	
Video Compression	H.264	H.264	H.264	
Video	NTSC 240 fps @ 1920 x 1080 480 fps @ 1280 x 720 480 fps @ 960 x 480	NTSC 120 fps @ 1920 x 1080 240 fps @ 1280 x 720 240 fps @ 960 x 480	NTSC 60 fps @ 1920 x 1080 120 fps @ 1280 x 720 120 fps @ 960 x 480	
	PAL 240 fps @ 1920 x 1080 400 fps @ 1280 x 720 400 fps @ 960 x 560	PAL 120 fps @ 1920 x 1080 200 fps @ 1280 x 720 200 fps @ 960 x 560	PAL 60 fps @ 1920 x 1080 100 fps @ 1280 x 720 100 fps @ 960 x 560	
	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 : 16 Ch, Web : 4 Ch	Monitor : 8 Ch, Web : 4 Ch	Monitor : 4 Ch, Web : 4 Ch	
Event	Event Triggers	Motion Detection	Motion Detection	
	Event Notification	Email	Email	
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	RJ-45 10 / 100BASE-T
Interface	Video Out	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA
	Video Input	16 x BNC	8 x BNC	4 x BNC
	Audio In / Out	4 In / 1 Out (RCA)	4 In / 1 Out (RCA)	4 In / 1 Out (RCA)
	Control	1 x RS485	1 x RS485	1 x RS485
	USB	1 x USB 2.0, 1 x USB 3.0	2 x USB 2.0	2 x USB 2.0
	Power Source	DC12 V / 2.5 A	DC12 V / 2.5 A	DC12 V / 2.5 A
General	Operating Temperature / Humidity	0 °C - 40 °C / 0 % - 80 % RH	0 °C - 40 °C / 0 % - 80 % RH	0 °C - 40 °C / 0 % - 80 % RH
	Standard Approvals	FCC, CE, KC, VCCI, CCC, Police (China)	FCC, CE, KC, VCCI, CCC, Police (China)	FCC, CE, KC, VCCI, CCC, Police (China)
	Language	English, Korean, Chinese, Japanese	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	300.0 x 208.7 x 48.4 mm
	Weight	1.04 Kg (HDD not included)	0.98 Kg (HDD not included)	0.97 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)



[LRA3040N / LRA3080N / LRA3160N]



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



Ver. Aug2017

Deliver Exceptional Vision in Every Moment

Capture the details with superb quality even without light

LG Innotek Analog High Definition Solution



LAV3200R



LAD3200R



LAU3200R



LRA3160N
LRA3080N
LRA3040N

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LG Innotek Provides Innovative Technology and the Powerful Solution

It is new AHD analog system line up of LG Innotek, which provides best analog solution and supports excellent image quality with LG Innotek camera and DVR. This solution offers superior picture quality and user friendly functions. Even it is analog system, LG AHD solution implements accurate monitoring by clear image with full HD resolution.



Clear 1080P image without delay

Support 1080P/30frame image through coaxial cable without transmission delay or compressed loss

LG AHD cameras combine advantages such as high resolution like network camera and easy installation like analog camera.

Adopting optimization algorithm and technology to prevent signal attenuation, LG AHD solution achieves clear 1080P image without image degradation.



Full HD video transmission as original video

Supports high quality video output with clear image transmission without delay or deterioration of image quality.

- Full HD (1080p) Image
- Reliable Day & Night function by ICR
- ATC (Automatic Tone Control)
- IR Distance : 20 ~ 30m (Bullet/Dome : 20m, Vandal : 30m)
- Image transmission through BNC cable
- IP66 which allows sustainable condition in a sudden change of environment (Temp & Humidity)



Long distance transmission by cutting edge EQ

Defend image loss from distance of coaxial cable, LG AHD provides the better video even in 500m distance.

Cutting edge image quality adjustment EQ (Equalizer) helps to adjust the image and compensate the image degradation.



Auto Tone Control

Auto image quality optimization using ACT (Auto Tone Control)

Always bright and clear image can be supported by adjusting image under the backlight or shadowing condition using ATC.



Perfect compatibility with legacy analog product

Can replace the old analog devices and provide perfect compatibility with existing devices.

No need to spend extra money, just replace the device which you want to change



High capacity HDD

Easy recording with High capacity of HDD

Supporting up to 6TB HDD helps to record the video in a long time without additional storage device.

LRA3160N/ LRA3080N/ LRA3040N

AHD Bullet Camera
AHD Dome Camera

KEY FEATURES

- Full-HD 1080P high resolution
- 2.8-12mm F1.4 lens (LAV3200R) / 4mm F2.1 lens (LAU3200R/ LAD3200R)
- 20m IR distance
- D&N(ICR), Digital WDR
- 500m Transmission Distance(75Ω-5C)
- IP66 & IK10 (LAV3200R) INGRESS PROTECTION



SPECIFICATIONS

Features	LAU3200R	LAD3200R	LAV3200R	
Camera	Image Sensor	6.23 mm (1/2.9 Type) CMOS	CMOS	CMOS
	Lens	4 mm F2.1	4 mm F2.1	2.8 ~ 12 mm F1.4
	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)
	Electronic Shutter	Auto	Auto	Auto
	3D-DNR	Auto	Auto	Auto
	Gain Control	Auto	Auto	Auto
	IR LEDs	30	24	28
	IR Distance	20 m	20 m	30 m
Video	Focus	Manual	Manual	Manual
	Video Format	AHD	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)
	Synchronization	Internal	Internal	Internal
	Max. Transmission Distance	500 m (75Ω - 5C)	500 m (75Ω - 5C)	500 m (75Ω - 5C)
General	Interface	BNC	BNC	BNC
	Power Source	DC12 V	DC12 V	DC12 V
	Max. Power Consumption	4.2 W	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)	FCC, CE, KC, VCCI, Police (China)	FCC, CE, KC, VCCI, Police (China)
	Color / Material	White / Diecasting	White / Diecasting	White / Diecasting
	Ingress Protection	IP66	IP66	IK10, IP66
Dimension (Ø x H)	70.3 x 66.0 x 172.8 mm	Ø93 x 68 mm	Ø147 x 112 mm	
Weight	340 g	330 g	820 g	

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DIMENSION (Unit : mm)

