



LG *ipsolute*

LG MEGAPIXEL IP CAMERA

DELIVERS SUPERIOR RESOLUTION



1.3 Megapixel HD IP Dome Camera



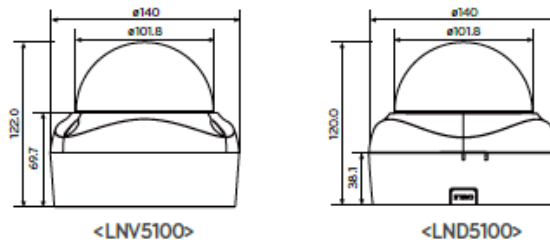
FEATURES

- 6.08 mm (1/3 type) CMOS
- 2.8 - 10 mm F1.2
- 30 fps @ 1280 x 1024, 720p(HD)
- Min. Illumination
 - Color : 0.3 Lux @ F1.2
 - B/W : 0.005 Lux @ F1.2
- H.264 (High profile supported) / MJPEG
- 80 dB of Wide Dynamic Range
- ICR Day & Night
- 2D+3D DNR
- Dynamic Profile (Up to 7)
- Region Of Interest Streaming
- Video Analytics Embedded
(Intelligent Motion Detection, Trip Zone, Object Counting, Streaming Metadata)
- LG Ipsolute VMS, Mobile App
- Micro SD Slot
- Vandal Proof / IP66 (LNV5100)
- PoE / DC12V

Rear View (World Wide Type)



Dimension (Unit : mm)



Model		LNV5100	LND5100
Camera	Image Sensor	6.08 mm (1/3 Type) CMOS	
	Lens	2.8-10 mm F1.2	
	Resolution	Up to 1280 x 1024	
	Min. Illumination	Color : 0.3 Lux @ F1.2 B/W : 0.005 Lux @ F1.2	
	Day / Night	ICR (Auto / Day / Night)	
	WDR	80 dB	
	Image Enhancement	Backlight Compensation / 2D+3D-DNR / Exposure Control / Sens-up Control / AGC / White Balance / Privacy Masking / EIS / Sharpness / Digital Zoom / Scene mode	
Video/Audio	Video Compression	H.264 (High Profile Supported) / MJPEG	
	Frame Rate	30 fps @ 1280 x 1024, 30fps @ 720p(HD)	
	Multi-Streaming	Dynamic Profile (Up to 7)	
	ROI Streaming	Yes	
	Open Protocol	ONVIF 1.02, PSIA 1.1	
	Audio Compression	G.711, G.726	
	Two-way Audio	Yes	
Event	Motion Detection	Yes	
	Event Notification	Relay Out, Email, FTP	
	Pre/Post Event Buffering	5 / 5 Seconds	
Video Analytics	Intelligent Motion Detection, Trip Zone, Object Counting, Streaming Metadata		
Interface	Video In / Out	1 RCA Out	
	Audio In / Out Alarm In / Out	1 In / 1 Out 1 In / 1 Out	
	SD Slot	Micro SD	
	Network	RJ-45 10/100 BASE-T	
Network	Ethernet	RJ-45 10/100 BASE-T	
	Security	Password Protection, HTTPS (SSL, TLS)	
	Protocol	IPv4/6 - TCP/IP, UDP, HTTP, HTTPS, RTP, RTSP, DHCP, ICMP, IPv4 - FTP, SMTP, NTP, ARP, SNMP v1/v2c/v3, DDNS (LG)	
	Web Viewer	Microsoft Internet Explorer 7.0 or above	
	Video Management Software	LG Ipsolute VMS, Mobile Application	
	Connections	Up to 10	
	General	Power Source	PoE / DC12V
Power Consumption	5.9W		
Operating Temperature / Humidity	-10°C - 50°C / 0% - 80%RH		
Standard Approvals	UL, FCC, CE, KCC, Gongan		
Color / Material	White / Aluminum	White / Plastic	
Ingress Protection	Vandal proof, IP66	-	
Dome Cover	Clear Type		
3-Axis	Yes		
Dimension (Ø x H) mm	140 x 122	140 x 120	
Weight	964 g	610 g	

* 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.

IP CAMERA TERMS & FEATURES



LG Ipsolute refers to the route that provides solutions alongside IP products as the integrated brand of LG security network products. LG Ipsolute IP camera and server can easily connect to the Internet, use diverse compression methods, and transmit HD images at low beat ratio without loss. In addition, the network security system is implemented by the basic web viewer, mobile applications, and video management suite enabling remote control and monitoring.



LOW ILLUMINATION

Low luminance noise is excellent with XDI-II

1 Lux



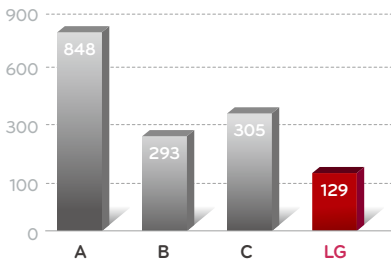
Conventional

LG



LOW LATENCY

Possesses excellent network performance with almost no latency, compared to the other products



SD SLOT

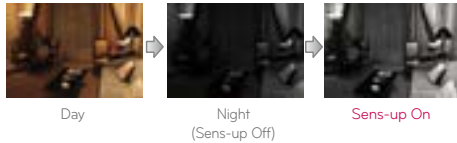
we provide SD SLOT for video buffering and backup event video separately. (SD Memory chip is not included)



SENS-UP / EIS / 3D-DNR

XDI-II can process Full HD superior images and apply WDR, Sens-up, EIS, and 3D-DNR functions.

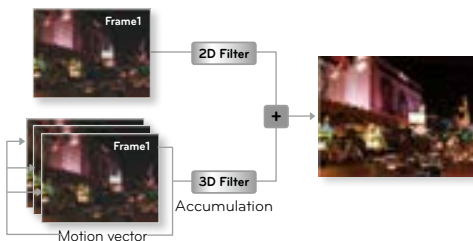
| SENS-UP |



| EIS |

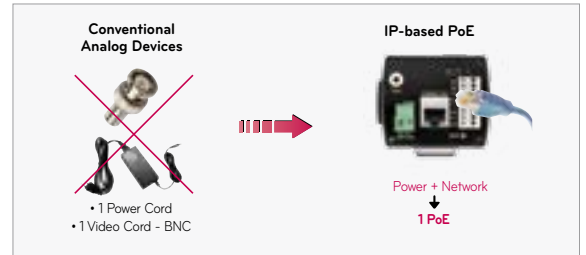


| 2D+3D-DNR |



LOW INSTALLATION COST WITH PoE

Power over Ethernet (PoE) refers to a technology that allows IP devices to receive power over existing LAN cabling. PoE does not need any separate power installation connection and thus simplifies installation. The technology is space-saving and allows devices to receive power and data over existing infrastructures, without needing to upgrade them.



80DB WDR

XDI-II offers 80dB of Dynamic Range and creates nearly no noise, enabling users to better see objects even with backlight.

WDR	LG		Other Camera	
	off	on	off	on
Detected zones<0.98	23	40	22	34.8
DR (f-stops)	7.83	13.3	7.37	11.6
DR (dB)	47.1366	80.066	44.3674	69.832

WDR OFF



WDR ON



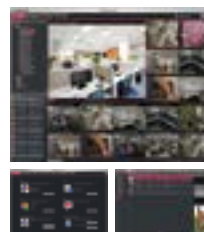
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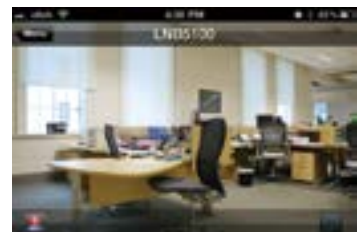


LG IPSOLUTE VMS / MOBILE APPLICATION

The LG Video Management System is an IP-Surveillance software that works with the LG Video Server and LG IP cameras to provide video monitoring, recording setting and event management functions.



VMS



Mobile Application