

24 HOURS WORKING UNDERCOVER

Why LG IR LED Camera
IT TRANSCENDS THE DARKNESS
IT GOES BEYOND SECURITY



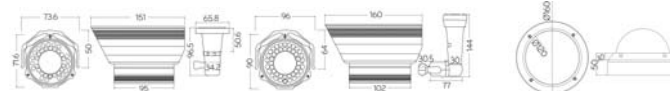
Smart technology that controls light and darkness!
Innovative performance that goes far beyond existing IR cameras.

Outstanding stability and advanced features that are setting
a new standard in high-end security systems.

- High performance IR LED built in
- High resolution 540 TV Lines • Monitoring in as little as 0 lux
- ICR Day & Night monitoring that automatically adjusts for ambient light
- IP66 that makes installation a cinch in a variety of environments



Model	LSR300N-DA	LSR300P-DA	LSR700N-EA	LSR700P-EA	LVR700N-DA	LVR700P-DA
Signal System	NTSC	PAL	NTSC	PAL	NTSC	PAL
Total/Effective Pixels No	410K / 380K	470K / 440K	410K / 380K	470K / 440K	410K / 380K	470K / 440K
Pick-up Device	1/3" Interline Transfer Color CCD		1/3" Interline Transfer Color CCD		1/3" Interline Transfer Color CCD	
Lens	Vari-focal Lens (f =2.8-12mm / F=1.2)		Vari-focal Lens (f =6-50mm / F=1.4)		Vari-focal Lens (f =2.8-12mm / F=1.2)	
Sync System	Internal		Internal		Internal	
Scanning Frequency (H)	15.734KHz	15.625KHz	15.734KHz	15.625KHz	15.734KHz	15.625KHz
Scanning Frequency (V)	59.94 Hz (VD)	50 Hz (VD)	59.94 Hz (VD)	50 Hz (VD)	59.94 Hz (VD)	50 Hz (VD)
Horizontal Resolution	Color Mode : 540 TV Lines B/W Mode : 570 TV Lines		Color Mode : 540 TV Lines B/W Mode : 570 TV Lines		Color Mode : 540 TV Lines B/W Mode : 570 TV Lines	
S/N Ratio	More Than 48dB (AGC Off, F1.2)		More Than 48dB (AGC Off, F1.2)		More Than 48dB (AGC Off, F1.2)	
Video Output Signal	TVp-p Composite (75ohm)		TVp-p Composite (75ohm)		TVp-p Composite (75ohm)	
Minimum Illumination	0.1 Lux (AGC High, Color, F1.2, 50IRE) 0 Lux (IR LED ON)		0.1 Lux (AGC High, Color, F1.2, 50IRE) 0 Lux (IR LED ON)		0.1 Lux (AGC High, Color, F1.2, 50IRE) 0 Lux (IR LED ON)	
IR LED (Distance)	34 pcs. (30m)		High Power 45 pcs. (70m)		28 pcs. (25m)	
Iris Control	DC		DC		DC	
Gain Control	OFF/ON		OFF/ON (0-255)		OFF/ON (0-255)	
Exposure	Fixed (Auto)		Fixed (FLK/MANUAL)		Fixed (FLK/MANUAL)	
Shutter Speed	1/60 (- 1/100,000) 1/50 (- 1/100,000)		1/60 (- 1/100,000) 1/50 (- 1/100,000)		1/60 (- 1/100,000) 1/50 (- 1/100,000)	
White Balance	ATW		ATW (AW/FIXED/MANUAL)		ATW/AW (FIXED/MANUAL)	
I / O Connector	BNC		BNC		BNC	
Power Source	DC 12V		DC 12V		DC 12V	
Power Consumption	4.2w (IR LED ON)		8.4W (IR LED ON)		4.2W (IR LED ON)	
Operation Temp	-10°C - 50°C, 0%RH-80%RH		-10°C - 50°C, 0%RH-80%RH		-10°C - 50°C, 0%RH-80%RH	
Storage Temp	-20°C - 60°C, 0%RH-85%RH		-20°C - 60°C, 0%RH-85%RH		-20°C - 60°C, 0%RH-85%RH	
Weight	940g		1,450g		770g	
Dimension (Ø x H)	ø74 x 151 mm		ø96 x 160 mm		ø160 x 103 mm	



Business Solutions Company

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• Exact products and specifications shown may vary by geographic region and are subject to change. Actual products may differ from the images appearing in the catalog.
• 2009 August version.



LG

LIGHT THAT SECURES
THE DARKNESS!

LG HIGH PERFORMANCE IR LED CAMERA



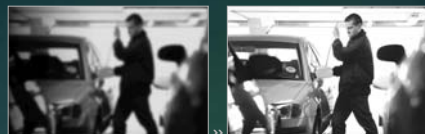
It goes farther, lasts longer,
and frees up your life.
LG Security is one step ahead, again.



Provides up to 70m ample viewing range

Making use of IR LED's excellent performance, this product boasts up to 70 meters of wide-reaching surveillance.

*Furthermore, the highly durable LED provides a long lifespan and strong stability. Limited to the single LSR700. LSR300 - 30M LVR700 - 25M



High quality images, in and out of the light with 540 TV Lines

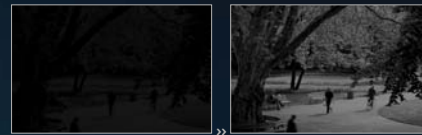
With an improved image sensor and a powerful processing system, in color mode, rendering of the 540 TV Lines excellent resolution is possible during day, and 570 TV Lines during night in B/W mode.



Perfect picture quality,
powerful security performance

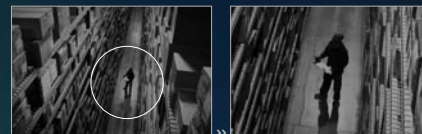
LSR300N/P-DA

- 1/3 Interline Transfer Color CCD
- Vari-focal 2.8-12mm DC IRIS Lens
- ICR Day & Night
- BLC
- IR LED 34pcs.
- IR LED Distance 30M
- DC 12V
- IP66



Even in pitch-black darkness, monitoring is possible with 0 Lux

With the high-performance IR LED attached, this system excels in low-light environments, allowing objects to be distinguished even in darkness using infrared rays.



Vari-focal lens that creates the best surveillance environment

By embedding vari-focal lens, it is possible to adjust the angle and video quality to match the environment, always providing the optimal image.

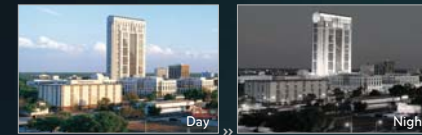
*LSR700 - 6-50mm/LSR300 - 2.8-12mm/LVR700 - 2.8-12mm



Supreme performance and security strength

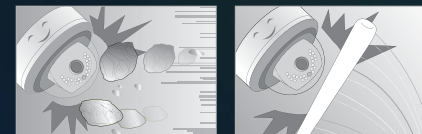
LSR700N/P-EA

- 1/3 Interline Transfer Color CCD
- Vari-focal 6-50mm DC IRIS Lens
- ICR Day & Night
- BLC
- High Power IR LED 45pcs.
- IR LED Distance 70M
- DC 12V
- 4 Privacy Masking Area
- IP66



24-hour peace of mind with ICR Day & Night

With the IR Cut filter Removable Day & Night feature, adjusting of the infrared filter occurs automatically based on changes in lighting conditions. Simply changing over to Night-time mode will ensure clear images even during low-light environment.



Sturdy Vandal Proof Cover that stands up to outside dangers

Adoption of the Vandal Proof Cover, ensures that the built-in camera and IR LED, which are prone to damage in public facilities, are completely protected (LVR700 model)



Incredible stamina,
space-efficient dome design

LVR700N/P-DA

- 1/3 Interline Transfer Color CCD
- Vari-focal 2.8-12mm DC IRIS Lens
- ICR Day & Night
- BLC
- IR LED 28pcs.
- IR LED Distance 25M
- 3-Axis
- Vandal Proof Cover
- DC 12V
- 4 Privacy Masking Area
- IP66



IP66 transcends the boundaries of installation

IP66 authentication's dustproof and waterproof features allow it to be installed easily in military facilities, buildings, or small stores, irrespective of the outside environment, while providing unconstrained surveillance



Introduction of a 3-Axis dome that doesn't miss any angle

Free motion of the dome base is possible along 3-Axis, making optimal settings on a ceiling, wall, or angle surface possible. With 3-Axis support, installation anywhere is an easy task.