

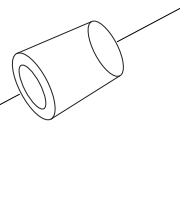
Why LG IR LED Camera
IT TRANSCENDS THE DARKNESS
IT GOES BEYOND SECURITY



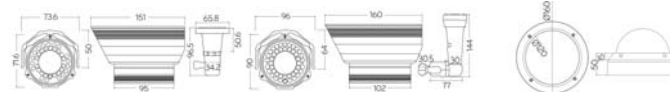
Smart technology that controls light and darkness!
Innovative performance that goes far beyond existing IR cameras.

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.

24 HOURS WORKING UNDERCOVER



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.



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



Supreme performance and
security strength

LSR700N/P-EA

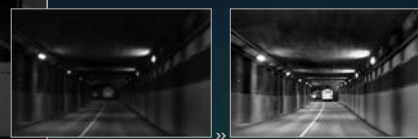
- 1/3 Interline Transfer Color CCD
- Vari-focal 6-50mm DC IRIS Lens
- ICR Day & Night
- BLC
- High Power IR LED 45pcs.
- IR LED Distance 70M
- DC 12V
- 4 Privacy Masking Area
- IP66



Incredible stamina,
space-efficient dome design

LVR700N/P-DA

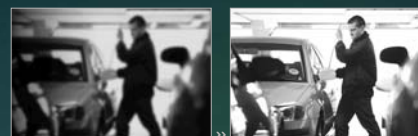
- 1/3 Interline Transfer Color CCD
- Vari-focal 2.8-12mm DC IRIS Lens
- ICR Day & Night
- BLC
- IR LED 28pcs.
- IR LED Distance 25M
- 3-Axis
- Vandal Proof Cover
- DC 12V
- 4 Privacy Masking Area
- IP66



Provides up to 70m ample viewing range

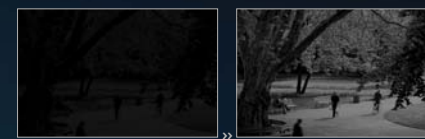
Making use of IR LED's excellent performance, this product boasts up to 70 meters of wide-reaching surveillance.

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



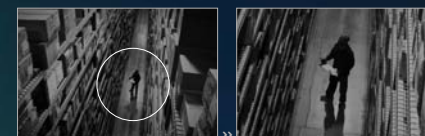
High quality images, in and out of the light with 540 TV Lines

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.



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

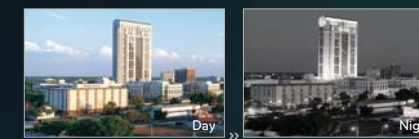
With the high-performance IR LED attached, this system excels in low-light environments, allowing objects to be distinguished even in darkness using infrared rays.



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



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.



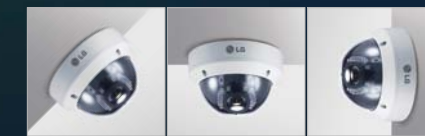
Sturdy Vandal Proof Cover that stands up to outside dangers

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)



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.