

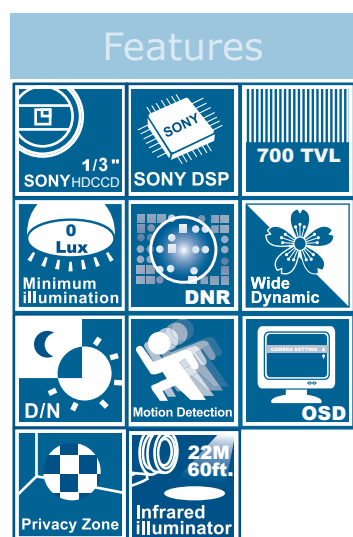
SDR447

700 TV Lines For Crystal Clear Images

1/3" Sony Exview HAD CCD II/DSP, Tamron vari-focal 2.8~10.5mm lens, 20M (66ft) IR, 700 TVL, WDR, DNR, mechanical (ICR) day/night, motion detection, privacy zone, OSD



The SDR447 is a high-end dome camera that incorporates top tier optics and lens to deliver outstanding image clarity in 700 TV line high resolutions. Adopting our exclusive Lumii™ technology and DNR, the SDR447 is capable of delivering outstanding image in extreme black night from a 20 meters (66 feet) viewing distance. Its 12-bit high quality image appears sharper and clearer. It also provides a rich set of features, including WDR, motion detection and privacy zone, making it a professional surveillance solution.



■ Lumii™ Enhanced 700 TVL

The SDR447 utilizes the superior 1/3" Sony CCD to deliver a high resolution of 700 TV lines. The image processing capability is further enhanced by our Lumii™ III technology to deliver 12-bit sharper and clearer images than typical 700 TVL cameras. Even in the ultra low light conditions, Lumii ensures that SDR447 remains high resolution images without blur.

■ Noise Reduction

Noise reduction is a powerful method for reducing image noise that produces extremely clear images even in very dim lighting conditions. Noise reduction cuts image size, reducing storage-space requirements and back-end costs.

■ Wide Dynamic Range

Wide dynamic range optimizes an image to ensure that dark areas are more visible while retaining detail in bright areas. WDR is ideal for scenes where objects are difficult to recognize due to severe backlight or shadows. Places like bank entrances tend to be under lit or over lit. A typical camera would produce an image where a person in the dark area could hardly be recognized, whereas WDR cameras produce clear details not only of the person in the foreground but also of the background.

■ Even Light Distribution

The SDR447's IR LEDs produce smooth even light distribution across a view range as far as 20 meters (66 feet) away. Without light loss, Even Light Distribution ensures you don't miss any details.

■ Vari-Focal Wide Range Capture

The SDR447 features the top tier Tamron vari-focal 2.8~10.5mm lens. It offers maximum flexibility in installation locations. It is ideal for monitoring small areas such as ATMs, elevators, entrances, as well as larger sites such as retail stores, banks and offices.

■ 3-Axis Camera Mount

With 3-axis mount support, the SDR447 provides flexible installation on a ceiling or wall even at an angle. The camera's 355° pan, 90° tilt and panoramic rotation capability making it an ideal solution for wide-area surveillance.

Specification

| Image System | | |
|-------------------------|---|--------------------------------------|
| Image Pickup Device | 1/3" SONY Exview HAD CCD II | |
| Signal System | NTSC | PAL |
| Effective Pixels (HxV) | 976 (H) × 494 (V) | 976 (H) × 582 (V) |
| Scanning System | 2:1 Interlace V: 59.94Hz , H: 15.734KHz | 2:1 Interlace V: 50Hz , H: 15.625KHz |
| Electric | | |
| Sync System | Internal/Linelock | |
| Horizontal Resolution | 700 TV line | |
| Built-in Lens | f=2.8~10.5mm, F1.2 DC iris varifocal | |
| View Angle | Horizontal: 101.8°(wide) ~ 27.4°(tele), Vertical: 73.7°(wide) ~ 20.6°(tele) | |
| Gamma Correction | 0.45 | |
| Minimum Illumination | 0 lux (IR on) | |
| S/N Ratio | More than 50dB (AGC off) | |
| Gain Control | On / Off (selectable) | |
| White Balance | ATW/ Manual/ User/ Push/ Push lock | |
| Electric shutter | 1/60sec | 1/50sec |
| Flickerless | On / Off (selectable) | |
| BLC | Off / BLC / HLC (high Light Compensation) (selectable) | |
| Day/Night Mode | Mechanical Day/Night | |
| DNR | Yes | |
| Motion Detection | Yes, 4 areas (max) | |
| Privacy Mask | Yes, 8 zones (max) | |
| High Light Compensation | Yes | |
| WDR | On / Off (selectable) | |
| OSD | Yes | |
| Multi Language | English, Japanese, German, French, Russian, Portuguese, Spanish, Simplified Chinese | |
| Video Output | 1Vpp composite output, 75ohm | |
| IR Distance | 20M (66ft) | |
| IR LED | 14pcs | |
| IR Wavelength | 850nm | |
| IR turn on status | under 10lux by photocell auto controlled | |
| LED Life | More than 10,000 hours (50°C) | |
| Power Supply | | |
| Power Requirement | DC 12V & AC 24V ± 10% | |
| Power Consumption | 5W Max | |
| Environment | | |
| Operating Temperature | -10°C ~ 50°C | |
| Operating Humidity | 90% MAX | |
| Storage Temperature | -20°C ~ 60°C | |
| Storage Humidity | 70% MAX | |
| Mechanism | | |
| Dimension(ΦxH) | Φ112mm x 97mm (4.41"x3.82") | |
| Weight | 400g (0.88 lb) approx. | |
| Ordering information | SDR447-HN5 | SDR447-HP5 |

Dimensions

