

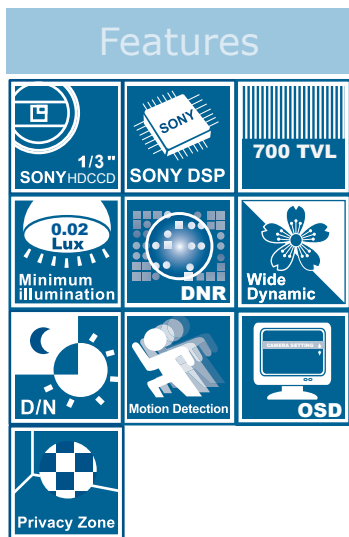
## SDF447

### 700 TV Lines For Crystal Clear Images

1/3" Sony Exview HAD CCD II/DSP, Tamron vari-focal 2.8~10.5mm lens, 700 TVL, WDR, DNR, digital day/night, motion detection, privacy zone, OSD



The SDF447 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™ III technology and DNR, the SDF447 is capable of delivering outstanding image in as little as 0.02 lux light conditions. 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™ III Enhanced 700 TVL

The SDF447 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 SDF447 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.

#### ■ Multi-Language OSD Menu

The SDF447 has a multi-language OSD menu including English, Japanese, German, French, Russian, Portuguese, Spanish, and Simplified Chinese. Users can quickly set up and adjust camera functions within seconds.

#### ■ Vari-Focal Wide Range Capture

The SDF447 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 SDF447 provides flexible installation on a ceiling or wall even at an angle. The camera's 360 pan, 360 tilt and panoramic rotation capability making it an ideal solution for wide-area surveillance.

## Specification

| Signal System               | NTSC   | PAL                                    |
|-----------------------------|--|--|
| Image System                |  |  |
| Image Pickup Device         | 1/3" SONY Exview HAD CCD II  |  |
| Effective Pixels (HxV)      | 976 (H) × 494 (V)  | 976 (H) × 582 (V)                      |
| <b>Electric</b>             |  |  |
| Scanning System             | 2:1 Interlace V: 59.94 Hz , H: 15.734KHz   | 2:1 Interlace V: 50 Hz , H: 15.625 KHz |
| Sync System                 | Internal/Linelock  |  |
| Horizontal Resolution       | 700 TV lines   |  |
| Built-in Lens               | f=2.8mm~10.5mm,F1.2 DC iris varifocal  |  |
| View Angle                  | Horizontal:99.6°(wide)~24.9°(tele)<br>Vertical:73.2°(wide)~18.8°(tele)             |  |
| Gamma Correction            | 0.45   |  |
| Minimum Illumination        | F1.2 @50IRE, 0.02 lux,@30IRE, 0.01lux  |  |
| S/N Ratio                   | More than 50dB (AGC off)   |  |
| Gain Control                | On / Off (selectable)  |  |
| White Balance               | ATW/ Manual/ User/ Push/ Push lock   |  |
| Electric Shutter            | 1/60 sec   | 1/50 sec                               |
| Flickerless                 | Yes  |  |
| BLC                         | Off/ BLC/ HLC (High Light Compensation) (selectable)                               |  |
| Day/Night Mode              | Digital 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, Portugues, Spanish, Simplified Chinese |  |
| Video Output                | 1Vpp composite output, 75 ohm  |  |
| <b>Power Supply</b>         |  |  |
| Power Requirement           | DC 12V & AC 24V ± 10%  |  |
| Power Consumption           | 2.5W (max)   |  |
| <b>Environment</b>          |  |  |
| Operating Temperature       | -10°C ~ 50°C   |  |
| Operating Humidity          | 90% MAX  |  |
| Storage Temperature         | -20°C ~ 60°C   |  |
| Storage Humidity            | 70% MAX  |  |
| <b>Mechaism</b>             |  |  |
| Dimension(ΦxH)              | Φ112mm x 97mm (4.41"x3.82")  |  |
| Weight                      | 300g (0.66 lb) approx.   |  |
| <b>Ordering information</b> | SDF447-HN5   | SDF447-HP5                             |

## Dimensions

