

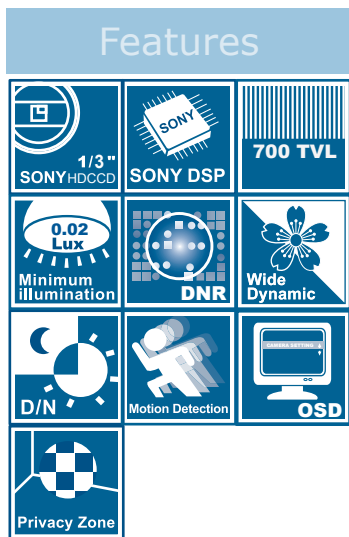
SDF447

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)
Electric		
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) 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	
Power Supply		
Power Requirement	DC 12V & AC 24V ± 10%	
Power Consumption	2.5W (max)	
Environment		
Operating Temperature	-10°C ~ 50°C	
Operating Humidity	90% MAX	
Storage Temperature	-20°C ~ 60°C	
Storage Humidity	70% MAX	
Mechaism		
Dimension(ΦxH)	Φ112mm x 97mm (4.41"x3.82")	
Weight	300g (0.66 lb) approx.	
Ordering information	SDF447-HN5	SDF447-HP5

Dimensions

