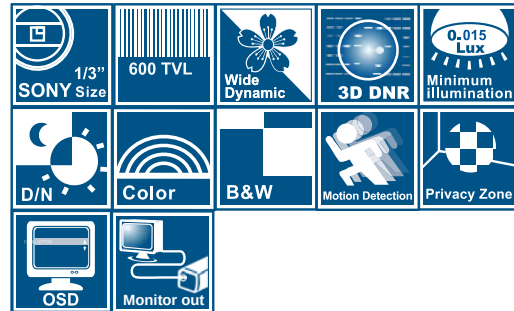




SDF446 fixed-dome camera

600 TV lines resolution, high sensitivity Lumii™ II

3D noise reduction, WDR



The SDF446 is a high-resolution dome camera that features MESSOA's new high sensitivity Lumii™ II and advanced 3D noise reduction technologies. The camera delivers extremely clear images in even the dimmest lighting conditions for sharp, noise-free image monitoring around the clock.

- **600 TV Lines Resolution**

The SDF446 utilizes the superior imaging capabilities of a 1/3" Sony CCD to deliver an outstanding 600 TV lines of resolution.

- **Day/Night Switching**

The camera has a Day/Night function that switches from color to b/w mode automatically, depending upon available light. This function enables the camera to capture crisp, clear color and b/w video in as little as 0.015 lux of light.

- **High Sensitivity Lumii™ II**

Lumii™ II technology sharpens and brightens images by enhancing camera sensitivity. This enables the SDF446 to capture clear color images in very low light environments, something traditional cameras simply cannot do.

- **3D Noise Reduction**

3D noise reduction is a powerful method for reducing image noise that produces extremely clear images even in very dim lighting conditions. Noise reduction also cuts image size, reducing storage-space requirements and back-end costs.

- **WDR**

The WDR function allows the camera to filter intense backlighting around an object to better distinguish features and shapes, enabling the camera to capture sharp, clear images in extremely high-contrast lighting environments.

- **OSD Menu**

The SDF446 has an OSD menu to help users quickly set up and adjust camera functions. The easy-to-use menu operations can be learned in a matter of seconds.

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MESSOA USA e-mail:info.us@messo.com//MESSOA Taiwan e-mail:info@messo.com



Specification

Signal system	NTSC	PAL
Image system		
Image area	4.9mm x 3.7mm	
Image Sensor	Sony 1/3" CCD	
Effective pixel(HxV)	768 x 494	752 x 582
Electronic		
Scanning system	2:1 Interlace V: 59.94Hz,	2:1 Interlace V: 50Hz,
	H: 15.734KHz	H: 15.625KHz
Sync system	Internal / Line Lock	
Horizontal resolution	600 TVLines	
Built-in lens	F1.2, f=2.8~10.5mm, DC Iris Varifocal	
View angle	Wide= 99.5°(H), 73.2°(V) ; Tele= 27.4°(H), 20.6°(V)	
Gamma correction	0.05~1.0 selectable(default 0.45)	
Minimum illumination	0.015 lux(F1.2, AGC on, 10 IRE) ; 0.2 lux(F1.2, AGC on, 50 IRE)	
S/N Ratio	More than 50dB (AGC off)	
Sense up Level	Auto(6 levels selectable) / OFF	
White Balance	ATW / AWB / INDOOR / OUTDOOR / MANUAL / AWC	
Electronic Shutter	1/60 / x2 / x4 /...../ FLK	
BLC	BLC / HSBLC / OFF	
Day/Night mode	Auto / Color / BW (electronic D/N) / EXT	
OSD	Built in	
Language	English / Japanese / Chinese T / Chinese S	
WDR	OFF/ INDOOR / OUTDOOR	
3DNR	ON(LEVEL: 0~100 adjustable) / OFF	
Video Output	1Vpp composite output 75 ohm	
Motion Detection	4 areas	
Privacy Mask	8 masks	
D-ZOOM	ON / OFF	
Mirror	Off / Mirror / V-Flip / Rotate	
Monitor Out	Yes	
Power supply		
Power requirement	DC12V/ AC24V	
Power Consumption	2.5 W(max)	
Environment		
Operating temperature	-10°C ~ 50°C (14°F ~ 122°F)	
Operating humidity	90% RH	
Storage temperature	-20°C ~ 60°C (-4°F ~ 140°F)	
Mechanism		
Dimensions (D X H)	112mm X 101 mm (4.42" x 4.00")	
Weight(g)	300g (0.66 lb.)	
Ordering information	SDF446-HN5	SDF446-HP5

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Dimensions

