

SSY-570WS SSY-570W/570S

1/3" Smart Wide Dynamic Camera



Features

- 1/3" Color SONY Super HAD CCD Sensor
- Color: 570 TV Lines ; B/W: 700 TV Lines
- Wide Dynamic Range (WDR)
- 3D Noise Reduction help to get more vivid and clear image
- Digital Day/Night function ; ICR Day/Night function (Optional)
- Private masking and Motion detection
- User friendly OSD for easy operations and installation



Wide Dynamic Range

The WDR technology allows to obtain the detail image from dark position without saturating the bright position. With the WDR, the camera's color performance is vivid than any other BLC function while the environment has strong dark and bright contrast.

3D DNR

Digital Noise Reduction (DNR) is an advanced technology which suppressed all significant noise while AGC is activated. Applying the 3D DNR technology, the camera is able to deliver more smooth and watchable images.

Sense Up

Sense Up enable the camera to achieve higher sensitivity. By using Sense UP, the extreme low lux 0.0003/F=1.2 at color mode; 0.00003/F=1.2 at B/W mode is effectuated. The camera is capable of capturing images in the very dark environment.

Digital D/N ; ICR D/N

The camera is designed with digital D/N function or it is optional to build the camera with ICR mechanism. With ICR D/N, the camera is able to acquire the most dynamic true color during the day and focus sharp image at night.



Conventional CCD Camera



Smart Wide Dynamic Camera



Conventional AGC



3D DNR



0.1 LUX



0.00003 LUX
(Sense up, B/W mode)



Normal IR Sensing



Optional: ICR D/N

Specifications :

Model No.	SSY-570WS	SSY-570W	SSY-570S
Image Device	1/3" Color SONY Super HAD CCD		
Signal System	NTSC / PAL		
Picture Elements	NTSC	811 (H) x 508 (V)	
	PAL	795 (H) x 596 (V)	
Scanning System	NTSC	525 Lines, 2:1 Interlace	
	PAL	625 Lines, 2:1 Interlace	
Sync. System	Internal Sync.		
Video Output	1 Vp-p Composite Output, 75 ohms		
Lens	C/CS mount		
Resolution	570 TV Lines (B/W: 700TV Lines)		
Gamma Correction	0.45		
Minimum Illumination	Color Mode: 0.0003 Lux (sens-up Auto, F1.2) (0.1 Lux : Sens-Up Off)	Color Mode: 0.1 Lux @ F1.2	Color Mode: 0.0003 Lux (sens-up Auto, F1.2) (0.1 Lux : Sens-Up Off)
	B/W Mode: 0.00003 Lux (sens-up Auto, F1.2) (0.1 Lux : Sens-Up Off)	B/W Mode: 0.01 Lux @ F1.2	B/W Mode: 0.00003 Lux (sens-up Auto, F1.2) (0.1 Lux : Sens-Up Off)
S/N Ratio	>50dB, AGC off		
Shutter Control	NTSC	1/60 to 1/90,000 sec	
	PAL	1/50 to 1/90,000 sec	
Day / Night Function	Digital D/N ; Optional: ICR D/N		
Digital Noise Reduction	3D-DNR		
Sense Up	Yes	N/A	Yes
Wide Dynamic Range	Yes		N/A
Gain Control	Off/Low/Medium/High		
White Balance	Auto/Push Auto/Manual		
Motion Detection	Yes		
Private Masking	Yes		
Flickerless	Yes		
H/V mirror Function	Yes		
Digital Zoom	Yes		
Camera Title	Yes		
Color / Sharpness Adjustment	Yes		
On Screen Display	Yes		
Power Source	DC12V ±10%		
Power Consumption	Max. 4.5W		
Operation Temp.	-10°C ~50°C, 0%RH ~80%RH		
Dimension	57 (H) x 55 (W) x 133 (L)mm		
Weight	275g		

Design and specifications are subject to change without prior notice.