

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.