

# SSC-FB561 / FB560

Analog Color Fixed Cameras

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## 700 TV Line Security Camera with Wide Dynamic Range

- Horizontal resolution of 700 TV lines (sharp mode)
- Wide dynamic range: 75 dB (typical)
- CS mount lens\*
- Compact design
- Optical Day/Night function



\* A lens is an optional.

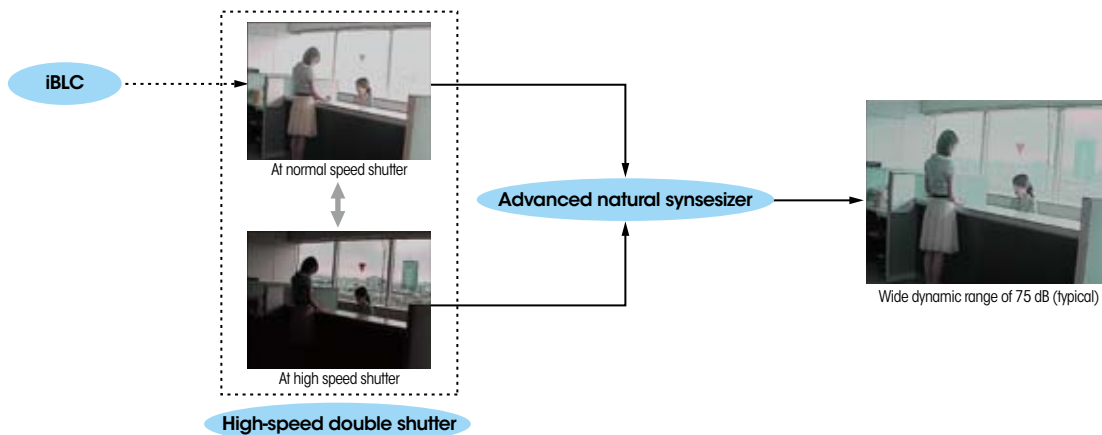
### KEY FEATURES

#### Wide Dynamic Range With DyanaViewSX Technology

The SSC-FB561 / FB560 incorporates DyanaViewSX technology to capture high-contrast scenes and produce clear images even under less-than-ideal lighting conditions. This means it can capture critical information that may have been missed by other cameras without such technology.

DyanaViewSX technology consists of three sub-technologies:

- **High-speed double shutter** provides a wider shutter speed range compared to previous technologies so that the cameras can reproduce images with incredibly wide dynamic ranges.
- **iBLC** compensates for the exposure levels in dark scenes to improve the visibility of the subject.
- **Advanced natural synthesizer** plays an important role in minimizing synthesized noise, which occurs when combining two images of different shutter speeds.



#### Superb Picture Quality With Accurate Color Reproduction

Employing a Super HAD II CCD sensor, the SSC-FB561 / FB560 offers a high horizontal resolution of 700 TV lines in sharp mode and produces amazingly clear and detailed images. Moreover, the cameras achieve a minimum illumination of 0.08 lx (F1.2, 50 IRE); therefore, the image quality under low-lighting conditions is great enough to enable round-the-clock security operations.

#### Noise Reduction

The SSC-FB561 / FB560 incorporates Adaptive DNR (Digital Noise Reduction) technology, which eliminates noise and motion blur to produce distinct and clear images. Adaptive DNR technology utilizes both an adaptive 2D filter and an adaptive 3D filter according to the AGC value to reduce noise.

## Optical Day/Night Function

The SSC-FB561 /FB560 cameras offer an Optical Day/Night function to provide optimized sensitivity in both day and night shooting scenarios. As the scene illumination reduces and the acquired image darkens, the infrared filter is automatically removed and the camera switches to B&W mode, requiring only a minimum illumination of 0.01 lx (F1.2, 50 IRE). In addition, the Optical Day/Night function can be initiated on demand through an external control signal for added flexibility.

## Wider Auto Tracing White Range (ATW)

The ATW function automatically adjusts the camera's white balance to adapt to sudden changes in lighting conditions. The SSC-FB561 /FB560 provides an extremely wide ATW range of 2,000 K to 10,000 K, allowing adjustment-free operation under a variety of lighting conditions.

## Back Light Compensation

Unwanted backlighting tends to cause the subject matter of an image to be cast into shadow. The BLC function of these cameras automatically compensates for such undesirable conditions and improves the visibility of the subject.

## Other Features

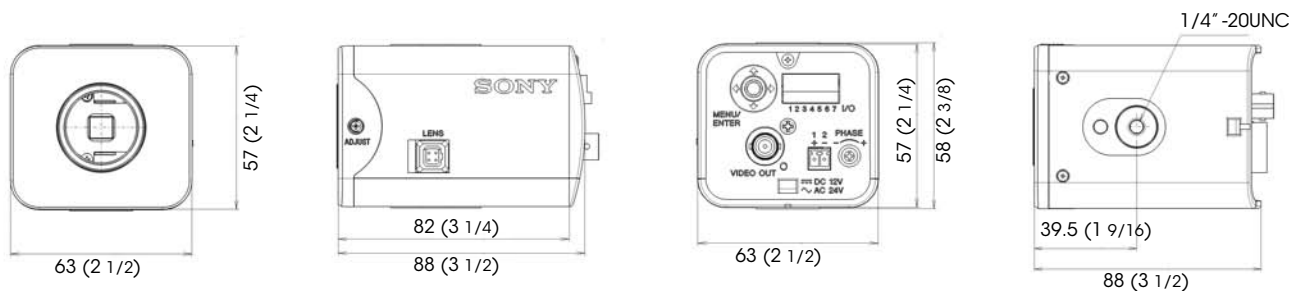
- Custom Template (ENTRANCE, OFFICE, PARKING, SUBWAY, LOBBY, and STATION)
- User Presets
- Variable Gamma Curve
- Two Setting Modes
- DC servo Auto
- AC 24 V/DC 12 V operation
- Internal Lock/Line Lock
- Slow Shutter
- Digital Zoom

## SPECIFICATIONS

|                                    | SSC-FB561   | SSC-FB560                  |
|------------------------------------|---|----------------------------|
| <b>Camera</b>                      |   |                            |
| Image device                       | 1/3-type Super HAD CCD II   |                            |
| Number of effective pixels (H x V) | 570,000 pixels (976 x 582)  | 480,000 pixels (976 x 494) |
| Signal system                      | PAL standard  | NTSC standard              |
| Horizontal resolution              | 700 TV lines (sharp mode)   |                            |
| S/N ratio                          | More than 55 dB (AGC Off)   |                            |
| Minimum illumination               | Color: 0.08 lx, B/W: 0.01 lx (F1.2, 50 IRE)<br>Color: 0.05 lx, B/W: 0.006 lx (F1.2, 30 IRE) |                            |
| Dynamic range                      | 75 dB (typical)   |                            |
| Video output                       | VBS:1.0 Vp-p  |                            |
| Synchronization                    | Internal/AC line lock selectable  |                            |
| Gain control                       | Auto (OFF/Normal/Turbo)/Manual  |                            |
| White balance                      | ATW/ATW-PRO/3200K/5600K/Manual  |                            |
| Lens type                          | CS mount lens*  |                            |
| <b>Camera Features</b>             |   |                            |
| Day/Night                          | Yes (Optical D/N)   |                            |
| Noise reduction                    | Yes (2DNR + 3DNR, Weak/Normal/Strong)   |                            |
| Back light compensation            | OFF/DynaViewSX/iBLC/SPOT  |                            |
| Automatic tone reproduction        | Yes (DynaViewSX mode only)  |                            |
| <b>General</b>                     |   |                            |
| Mass                               | 200 g (7.1 oz)  |                            |
| Dimensions                         | 63 x 57 x 88 mm (2 1/2 x 2 1/4 x 3 1/2 inches)  |                            |
| Power requirement                  | AC 24 V ±10%, DC 12 V ±10%  |                            |
| Power consumption                  | 2.8 W   |                            |
| Operating temperature              | -10 °C to +50 °C (14 °F to 122 °F)  |                            |
| Storage temperature                | -40 °C to +60 °C (-40 °F to +140 °F)  |                            |
| Operating humidity                 | 20% to 80%  |                            |
| Storage humidity                   | 20% to 95%  |                            |
| Supplied accessories               | Operating instructions x1, Menu instructions x1, Lens mount cap x1                          |                            |

\* A lens is an optional.

## DIMENSIONS



Unit: mm (inches)

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