

SSC-N24/N24A

Analog Color Mini-Dome Cameras

SONY
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650 TV Line Security Camera with High Sensitivity

- Horizontal resolution 650 TV lines
- High sensitivity
Color : 0.15 lx (F1.2, 50 IRE)
B/W : 0.01 lx (F1.2, 50 IRE)
- x3.7 Variable focal lens
- Compact design

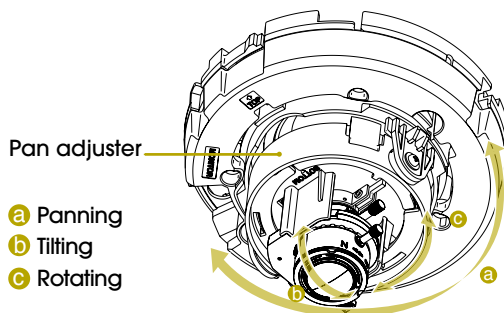


KEY FEATURES

- High resolution (650 horizontal TV lines) and high sensitivity (Color : 0.15 lx / B/W : 0.01 lx, F1.2, 50IRE) achieved by a 1/3-type "EXview HAD CCD II" sensor and Sony's new digital signal processor, "Effio-E".

EXview HAD CCD II™

- 3.7x variable focal length lens with a focal length of 2.8 mm to 10.5 mm and a horizontal angle of view of 101.8 ° to 27.4 °.
- Easy and flexible camera angle adjustment achieved by a new three-hinge structure.



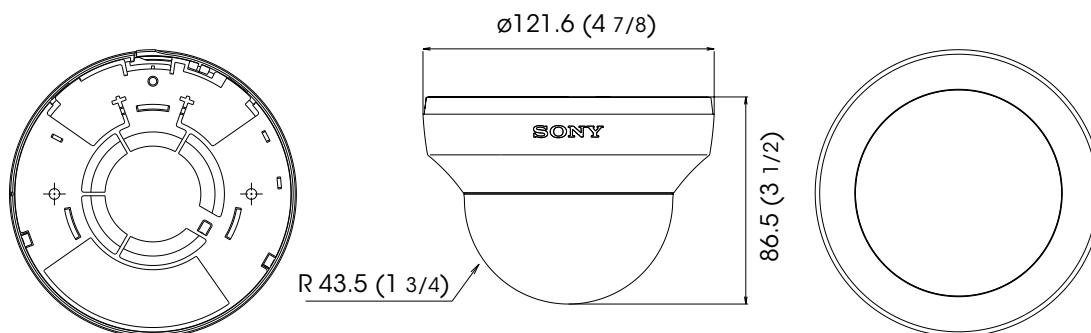
- ATR-Lite (Adaptive Tone Reproduction Lite) to compensate for gradation of subjects to an optimum level.
 - iBLC to compensate for exposure levels in dark scenes to improve subject visibility.
 - ATW (Automatic Tracing White) balance which automatically adjusts the camera's white balance to adapt to sudden changes in lighting conditions.
 - Internal lock, and line lock selectable.
 - 2D noise reduction employed.
 - AC 24 V/DC 12 V operation ($\pm 10\%$).
 - Custom template supplied.
- Optical Day / Night function to switch to Day or Night mode depending on the light level.
 - Low power consumption: 1.7 W (Max.).

SPECIFICATIONS

| | SSC-N24 | SSC-N24A |
|---------------------------------------|---|-------------------------------|
| Camera | | |
| Image device | 1/3-type "EXview 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 | 650 TV lines | |
| S/N ratio | More than 55 dB(AGC Off) | |
| Minimum illumination | Color: 0.15 lx, B/W: 0.01 lx (F1.2, 50 IRE) Color: 0.08 lx, B/W: 0.003 lx (F1.2, 30 IRE) | |
| Video output | VBS: 1.0Vp-p | |
| Synchronization | Internal/AC line lock selectable | |
| Gain control | Auto (on/off) | |
| White balance | ATW (2000K to 10000K), ATW-PRO (2500K to 6000K) | |
| Lens type | Built-in variable focal lens | |
| Zoom ratio | Optical 3.7X | |
| Horizontal viewing angle | 101.8 degree to 27.4 degree | |
| Focal length | f=2.8 to 10.5 mm | |
| F Number | F1.2(Wide end), F2.6(Tele end) | |
| Minimum object distance | 300 mm | |
| Iris | Auto | |
| Panning range | 355 degree | |
| Tilting range | ±77 degree | |
| Swivel rotation | 350 degree | |
| Camera Features | | |
| Day/Night | Yes | |
| Noise reduction | Yes (2D NR) | |
| Back light compensation | Yes (iBLC) | |
| Automatic tone reproduction | Yes (ATR-Lite) | |
| General | | |
| Mass | 320 g (11.3 oz) | |
| Dimensions | ø121.6 mm x 86.5 mm (ø 4 7/8 x 3 1/2 inches) | |
| Power requirement | AC24 V ±10%, DC12 V ±10% | |
| Power consumption | Max. 1.7 W | |
| Operating temperature | -10°C to +50°C (14F° to 122F°) | |
| Storage temperature | -40 °C to +60 °C (-40F° to +140F°) | |
| Operating humidity | 20 % to 80 % | |
| Storage humidity | 20 % to 95 % | |
| Supplied accessories | Template x 1, Operating instructions x 1 | |

DIMENSIONS

Unit: mm (inches)



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