# SSC-N24A
Analog Color Mini Dome Camera
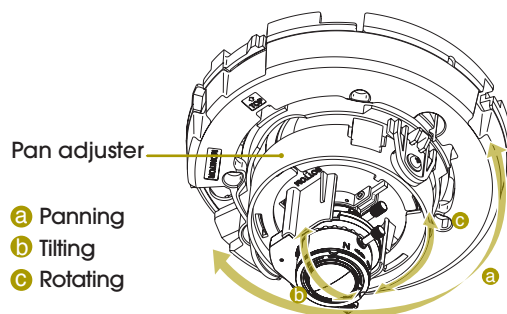
**SONY**
make**.**believe

## 650 TV Line Security Camera with High Sensitivity

■ Horizontal resolution of up to 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.



Pan adjuster

ⓐ Panning
ⓑ Tilting
ⓒ Rotating

• Optical Day / Night function to switch to Day or Night mode depending on the light level.
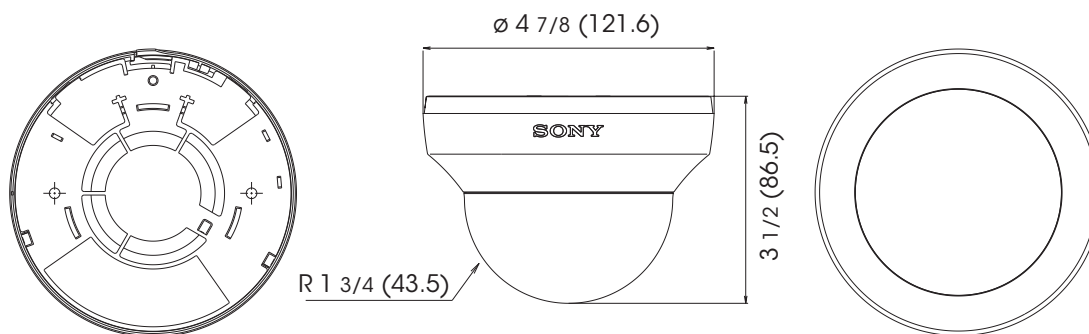
• Low power consumption: 1.7 W (Max.).

• 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 help 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 (±10%).

• Custom template supplied.

## SPECIFICATIONS

| | SSC-N24A |
|---|---|
| **Camera** | |
| Image device | 1/3-type EXview HAD CCD II |
| Number of effective pixels (H x V) | 480,000 pixels (976 x 494) |
| Signal system | 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 to10000K), 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** | |
| Weight | 11.3 oz (320 g) |
| Dimensions | ø 4 7/8 x 3 1/2 inches  (ø 121.6 mm x 86.5 mm) |
| Power requirement | AC24 V ±10%, DC12 V ±10% |
| Power consumption | Max. 1.7 W |
| Operating temperature | 14F° to 122F° (-10°C to +50°C) |
| Storage temperature | -40F° to +140F° (-40 °C  to +60°C) |
| Operating humidity | 20 % to 80 % |
| Storage humidity | 20 % to 95 % |
| Supplied accessories | Template x 1, Operating instructions x 1 |

## DIMENSIONS     Unit: inches (mm)



ø 4 7/8 (121.6)

3 1/2 (86.5)

R 1 3/4 (43.5)

S-A3016   (MK10809V1)

Printed in USA (6/11)