

540 TV Line Security Camera with High Sensitivity

- Horizontal resolution of up to 540 TV lines
- High sensitivity 0.15 lx (F1.2, 50 IRE, Color)
- x3.7 Variable focal lens
- Compact design

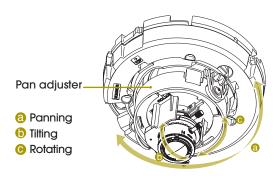


KEY FEATURES

 High resolution (540 horizontal TV lines) and high sensitivity (0.15 lx, F1.2, 50IRE) achieved by a 1/3-type Super HAD CCD II™ sensor and Sony's new digital signal processor, Effio-E™.

Super 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 99.5° to 27.4°.
- Easy and flexible camera angle adjustment achieved by a new three-hinge structure.



- Electrical Day/Night function to switch to Day or Night mode depending on the light level.
- Low power consumption: 1.5 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

Mumber of effective pixels 380,000 pixels (1ft x) (768 x 494) (1ft x) (1ft x		SSC-N20A
Number of effective pixels	Camera	
(1 x x)	Image device	1/3-Type "Super HAD CCD II"
NTSC standard NTSC standard S40 TV lines S4	Number of effective pixels	380,000 pixels
Horizonfol resolution S40 TV lines	(H x V)	(768 x 494)
More than 55 dB(AGC Off)	Signal system	NTSC standard
Minimum illumination	Horizontal resolution	540 TV lines
Color: 0.08 ks, B,W: 0.03 ks (F1.2, 30 IRE)	S/N ratio	More than 55 dB(AGC Off)
Internal/AC line lock selectable	Minimum illumination	
Auto (on/off)	Video output	VBS:1.0Vp-p
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 99.5 degree to 27.4 degree Focal length f=2.8 to 10.5 mm F Number F1.2(Wide end) Minimum object distance 300 mm Iris Auto Panning range 355 degree Tilting range ±77 degree Swivel rotation 350 degree Camera Features Comera Features Day/Night Yes (Electrical D/N) Noise reduction Yes (2D NR) Boack light compensation Yes (8IBC) Automatic tone reproduction Yes (ATR-Lite) General 11.3 oz (320 g) Weight 11.3 oz (320 g) Dimensions Ø 4 7/8 x 3 1/2 inches (e) (21.6 mm x 86.5 mm) Power requirement AC24 V ± 10%, DC12 V ± 10% Power consumption Mox 1.5 W Operating temperature 40F* to +140F* (-40 °C to +60°C) Operating turnidity 20 % to 95 %	Synchronization	
Lens type Built-in variable focal lens Zoom ratio Optical 3.7X Horizontal viewing angle 99.5 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 Comera Features Comera Features Day/Night Yes (Electrical D/N) Noise reduction Yes (2D NR) Bock light compensation Yes (RIRC) Automatic tone reproduction Yes (ATR-Lite) General Power regrouterion 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. 1.5 W Operating temperature 40° t o +40° t o +60° C) Operating temperature 40° t o +40° t o +60° C) Operating humidity 20% to 80% Storage humidity	Gain control	
April	White balance	
Horizontal viewing angle	Lens type	Built-in variable focal lens
Focal length	Zoom ratio	Optical 3.7X
F Number F1.2 (Wide end), F2.6 (Tele end) Minimum object distance 300 mm Iris Auto Panning range 355 degree Swivel rotation 350 degree Camera Features Ves (Electrical D/N) Day/Night Yes (Electrical D/N) Noise reduction Yes (3D NR) Back light compensation Yes (BLC) Automatic tone reproduction Yes (ATR-Lite) General 11.3 oz (320 g) 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 Mox 1.5 W Operating temperature 146° to 1226° (-10° to +50°C) Storage temperature -406° to +140° (-40° to +60°C) Operating humidity 20 % to 95 %	Horizontal viewing angle	
Minimum object distance 300 mm Iris Auto Panning range 355 degree Sittling range ±77 degree Swivel rotation 350 degree Camera Features Ves (Electrical D/N) Noise reduction Yes (2D NR) Back light compensation Yes (BLC) Automatic tone reproduction Yes (ATR-Lite) General 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 Mox. 1.5 W Operating temperature 40F° to 122F° (-10°C to +50°C) Storage temperature 40F° to 140F° (-40 °C to +60 °C) Operating humidity 20 % to 95 %	Focal length	f=2.8 to 10.5 mm
Auto Panning range 355 degree 11ting range ±77 degree 5350 degree 11ting range ±77 degree 5350 degree 17ting range ±77 degree 5350 degree 1750 d	F Number	F1.2(Wide end), F2.6(Tele end)
Ponning range 355 degree Tilting range ±77 degree Swivel rotation 350 degree Camera Features ***Page (Electrical D/N) Day/Night Yes (Electrical D/N) Noise reduction Yes (2D NR) Back light compensation Yes (iBLC) Automatic tone reproduction Yes (ATR-Lite) General ***Dimensions Weight 11.3 oz (320 g) Dimensions \$4.7/8 x 3.1/2 inches (\$\pi\$ 121.6 mm x 86.5 mm) Power requirement AC24 V ±10%, DC12 V ±10% Power consumption Max. 1.5 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 %	Minimum object distance	300 mm
Tilling range ±77 degree Swivel rotation 350 degree Camera Features **Yes (Electrical D/N) Day/Night Yes (2D NR) Back light compensation Yes (iBLC) Automatic tone reproduction Yes (ATR-Lite) General **Test (included on the composition of the co	Iris	Auto
Swivel rotation 350 degree Camera Features Yes (Electrical D/N) Day/Night Yes (Electrical D/N) Noise reduction Yes (2D NR) Back light compensation Yes (iBLC) Automatic tone reproduction Yes (ATR-Lite) General Weight 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. 1.5 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 %	Panning range	355 degree
Camera Features Day/Night Yes (Electrical D/N) Noise reduction Yes (2D NR) Back light compensation Yes (iBLC) Automatic tone reproduction Yes (ATR-Lite) General Weight 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. 1.5 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 %	Tilting range	±77 degree
Day/Night Yes (Electrical D/N) 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. 1.5 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 %	Swivel rotation	350 degree
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. 1.5 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 %	Camera Features	
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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 %		
Storage temperature -40F° to +140F° (-40 °C to +60 °C) Operating humidity 20 % to 80 % Storage humidity 20 % to 95 %	Power consumption	
Operating humidity 20 % to 80 % Storage humidity 20 % to 95 %	Operating temperature	
Storage humidity 20 % to 95 %	Storage temperature	
	Operating humidity	
Supplied accessories Template x 1, Operating instructions x 1	Storage humidity	
	Supplied accessories	Template x 1, Operating instructions x 1

DIMENSIONS Unit: inches (mm)

