

650 TV Line Security Camera with High Sensitivity

- Horizontal resolution of up to 650 TV lines
- High sensitivity

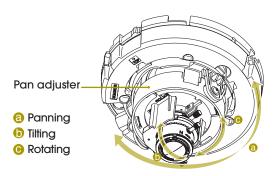
 Color: 0.15 lx (F1.2, 50 IRE)

 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.



- 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

Number of effective pixels		SSC-N24A
Number of effective pixels	Camera	
(H±V) (75 x 494) Signal system (NTSC standard Horizontal resolution 6501 Vi lines SAV ratio (More than 55 dB(AGC 0F) (More than 55 dB(ACC 0F)	Image device	1/3-type EXview HAD CCD II
NISC standard NISC standard NISC standard NISC standard NISC standard Nore than 55 dB(AGC Off)	Number of effective pixels	480,000 pixels
Horizonfol resolution	(H x V)	(976 x 494)
More than 55 dB (AGC Off)	Signal system	NTSC standard
Minimum illumination Color: 0.0 15 kx, RW: 0.01 kx (F1.2, 50 IRE) Color: 0.00 kx, RW: 0.003 kx (F1.2, 50 IRE) Color: 0.00 kx, RW: 0.003 kx (F1.2, 50 IRE) Video output Video output Visit: 0.00 kx, RW: 0.003 kx (F1.2, 30 IRE) Synchronization Internal/AC line lock selectable Auto (on/off) Minite balance ATW (2000K to 10000, APPRO (2500K to 6000K) Lens type Built-in variable focal lens Optical 3.7X Horizonfal viewing angle 1018. degree to 27.4 degree Focal length F lumber F Number F Number F Legible end) Minimum object distance 355 degree Tilling range Todance Features Doy/Night Yes Noise reduction Yes (2D NR) Bock light compensation Yes (AIR-Lite) Ceneral Weight 11.3 oz (320 g) Dimensions ## 4 7/8 x 3 1/2 inches (# 12.10 ftm x 86.5 mm) Power causumption Doyerting temperature Aux 1.2 Power Con-So*C) Concert of the consumption Max 1.7 V Operating temperature 14.7 to 122°F (-10°C to +50°C) Storage temperature -40°F to +140°F (-40°C to +60°C) Operating humidity 20 % to 95 %	Horizontal resolution	650 TV lines
Color: 0.08 k, B,W: 0.003 k (F1.2, 30 IRÉ)	S/N ratio	More than 55 dB(AGC Off)
Video output VBS:1.0Vp-p Synchronization Internot/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 10.18 degree to 27.4 degree Focal length f=2.8 to 10.5 mm F Number F1.2(Wide end), F2.6 (fele end) Minimum object distance 300 mm Iris Auto Ponning range 355 degree Swivel rotation 350 degree Common Features Yes Day/Night Yes Noise reduction Yes (2D NR) Back light compensation Yes (RTR-Lite) General 400 mensions 9 4 7/8 x 3 1/2 inches (a 12.6 mm x 86.5 mm) Power consumption Mox 1.7 W Operating temperature Power onsumption Mox 1.7 V Operating temperature Storage humidity 20 % to 80 % 50 consumption Storage humidity 20 % to 96 %	Minimum illumination	
Synchronization Internat/AC line lock selectable	Video output	
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(fele end) Minimum object distance 300 mm Iris Auto Ponning range 355 degree Tilting range ±77 degree Swivel rotation 350 degree Connect Features Opy/Night Doy/Night Yes Noise reduction Yes (2D NR) Back light compensation Yes (BLC) Automatic tone reproduction Yes (RELC) 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 40F* to +40F* (40 °C to +60°C) Operating temperature 40F* to +140F* (40 °C to +60°C) Storage l		
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 Nümber F1.2(Wide end), F2.6(Tele end) Minimum object distance 300 mm Iris Auto Panning range 355 degree Tilling range ±77 degree Swivel rotation 350 degree Comera Features Quality of the company of the comp		1 1, 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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 Comera Features Ves Day/Night Yes Noise reduction 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. 1.7 W Operating temperature 14F° to 122F° (-10°C to +50°C) Storage hemperature -40F° to 1+40F° (-40°C to +60°C) Operating humidity 20 % to 89 % Storage humidity 20 % to 89 %		
Total Community Total Comm		
Horizontal viewing angle		
Focal length		
F Number F1.2(Wide end), F2.6(Tele end)	ŭ ŭ	
Minimum object distance 300 mm Iris Auto Panning range 355 degree Swivel rotation 350 degree Camera Features Ves Day/Night Yes Noise reduction Yes (2D NR) Back light compensation Yes (iBLC) Automatic tone reproduction Yes (ATR-Lite) General I1.3 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. 1.7 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 %	<u> </u>	
Iris Auto Panning range 355 degree Tilting range ±77 degree Swive Irotation 350 degree Camera Features Day/Night Yes Noise reduction Yes (2D NR) Back light compensation Yes (iBLC) Automatic tone reproduction Yes (ATR-Lite) General 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 %		
Panning range 355 degree Tilting range ±77 degree Swivel rotation 350 degree Comera Features Day/Night Yes Noise reduction Yes (2D NR) Back light compensation Yes (iBLC) Automatic tone reproduction Yes (ATR-Life) 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. 1.7 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 %		
Tilling range ±77 degree Swivel rotation 350 degree Camera Features Yes Day/Night Yes 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. 1.7 W Operating temperature 14 F° to 122 F° (-10°C to +50°C) Storage temperature -40 F° to +140 F° (-40°C to +60°C) Operating humidity 20 % to 80 % Storage humidity 20 % to 95 %		
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 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 %		
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 %	<u> </u>	
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 %		550 deglee
Noise reduction Yes (2D NR) Back light compensation Yes (BLC) Automatic tone reproduction Yes (ATR-Life) 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 %		Voc
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 %	1. 0	
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 %		
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 %	0 1	<u>\</u> /
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 %		ics (Alik Lile)
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 %		11.3 oz (320 d)
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 %		
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 %		
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 %		
Operating humidity 20 % to 80 % Storage humidity 20 % to 95 %		
Storage humidity 20 % to 95 %		
	Supplied accessories	Template x 1, Operating instructions x 1

DIMENSIONS Unit: inches (mm)

