

# SONY

## 1/3" HIGH RESOLUTION DSP COLOR CAMERA

# SSC-CX34

1/3" HIGH  
RESOLUTION DSP  
COLOR CAMERA

- 1/3" Hyper HAD® CCD imager
- Built-in 12x optical preset zoom lens (5.4 mm – 64.8 mm)
- Over 470 lines of horizontal resolution
- High sensitivity – 4.5 lux at f1.8 (50 IRE)
- AWB/ATW/ATW Pro White balance modes
- Backlight compensation by Smart Control and Turbo AGC
- Built-in manual zoom and focus controls
- Auto/remote iris functions
- Accepts 6V or 12V DC lens controllers or receiver/drivers
- Internal or line lock (60 Hz) selectable
- AC 24V line lock with  $\pm 90^\circ$



Hyper HAD®



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1/3" HIGH  
RESOLUTION DSP  
COLOR CAMERA



REAR PANEL VIEW

## SPECIFICATIONS

### SSC-CX34

**Imaging Device:** 1/3" Hyper HAD Interline Transfer CCD  
**Picture Elements (HxV):** 768 x 494  
**Sensing Area (HxV):** 4.4 x 3.3 mm  
**Signal System:** NTSC  
**Scanning System:** 2:1 interlace; 525 lines  
**Horizontal Resolution:** 470 TV lines  
**Minimum Illumination:** 2.4 lux at f1.8, 30 IRE (Turbo AGC ON)  
4.5 lux at f1.8, 50 IRE (Turbo AGC ON)  
15 lux at f1.8, 100 IRE (Turbo AGC ON)

**Aperture:** SHARP/NORMAL selectable  
**AGC:** TURBO/NORMAL/OFF selectable  
**S/N:** 50 dB (Weight ON, AGC OFF)  
**Video Output:** 1Vp-p, 75 Ohm, sync negative  
**Power Requirements:** AC 24V, 60 Hz

**Power Consumption:** 4.8W

**Weight:** 1 lb. 2 oz. (520 grams)

**Dimensions (WHD):** 2 3/8 x 2 3/8 x 5 1/8 inches  
(60 x 60 x 129.5 mm)

### Connectors:

**Power Supply:** AC 24V terminals, lens control (8-pin Mini DIN)  
**Video Out:** BNC, GND terminal

### Lens Specifications:

**Focal Length:** 12x zoom, 5.4 mm – 64.8 mm (f1.8 – f2.7)  
**Angle of View (horizontal):** 48.8° (wide) – 4.3° (telephoto)  
**Angle of View (vertical):** 37.6° (wide) – 3.3° (telephoto)  
**Focus System:** Manual/remote  
**Lens Control Voltage:** 6V or 12V DC selectable  
**Polarity:** Normal/reverse selectable  
**Auto Iris:** ON/OFF switchable

### Supplied Accessories:

Lens cap  
Operation manual  
8-pin Mini DIN pigtail 11.8" (30cm)  
Tripod adaptor

### Optional Accessories:

**VCL-0637H:** 0.6x optical adaptor  
**VCL-2037H:** 2.0x optical adaptor

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