



## EVID100 PAN/TILT/ZOOM COLOR VIDEO CAMERA

Broadcast and Professional



**Model Number:** EVID100

**Model Name:** PAN/TILT/ZOOM COLOR VIDEO  
CAMERA

### Description:

Sony's new EVI-D100 camera is ideal for applications such as videoconferencing, distance learning, surveillance, conference and training rooms, courtrooms, houses of worship, internet communications and just about any application that requires a high-quality color video camera with the flexibility of remote pan/tilt/zoom operations. The EVI-D100 is a high quality CCD camera that combine a high-speed, quiet pan/tilt with a wide angle view and 40x zoom (10x optical + 4x digital), all in a compact, easy-to-use package. The EVI-D100 camera boasts impressive and innovative features such as auto focus, auto white balance and automatic exposure control which provide fast and stable hands free operation when the camera changes pan/tilt positions. The EVI-D100/100P cameras join the popular EVI-D30/D31 as Sony expands its pan/tilt camera line.

### Features:

**High Speed, Wide Range Pan/Tilt Head:** The EVI-D100 camera moves to a designated position quickly and immediately with one of the highest pan/tilt speeds in its class.

**Quiet Operation:** Direct drive motors account for the gear-less structure of the camera, reducing the noise of pan/tilt motion drastically compared to conventional models.

**40x Zoom Ratio (10x Optical + 4x Digital):** Fast and stable auto focus zoom lens reaches 40x zoom for hands free operation

**Built-in Conversion Lens for Wide Angle View (65 degrees):** A newly developed wide-angle lens for wide field of view image capture, make it ideal for use in small-sized rooms.

**Auto Sleep Function:** The camera can be set to automatically turn off when not in use after a specified time period.

**Various Picture Effects:** Negative/Positive Reversal, Black White (Monochrome Image).

**Six Position Presets with Battery Back-up:** An integral back-up battery stores presets of pan/tilt/zoom, focus position, AE mode and white balance mode, even when the camera is powered off.

**Multi-function IR Remote Commander® unit:** Easy to use supplied remote commander unit is useful for basic pan/tilt/zoom camera control.

### Fully Controllable Remotely via RS-232C (VISCA)

: Control all camera settings and pan/tilt/zoom functions remotely via PC.

To order your Sony EVI-D100 camera today contact:

PicturePhone Direct  
200 Commerce Dr.  
Rochester, NY 14623  
Phone: 585.334.9040  
Fax: 585-359-4999  
Email: [info@picturephone.com](mailto:info@picturephone.com)

## Specifications Sony EVI-D100 PTZ Camera:

**Image Sensor:** 1/4 type Super HAD CCD

**Effective Pixels:** 768 (H) x 494 (V)

**Video Signal:** NTSC (PAL Available)

**Horizontal Resolution:** 470 TV Lines (wide end)

**Lens:** 10x Optical Zoom, X40 with Digital Zoom f=3.1 to 31, F 1.8 to 2.9

**H. Angle of View:** 6.6 to 65 degrees

**Minimum Object Distance:** 100 mm (wide end), 600 mm (tele end)

**Minimum Illumination:** 3.5 lx (F1.8)

**Auto Exposure:** Auto/Manual/Priority AE, Exposure compensation, Back light compensation

**Shutter Speed:** 1/4 to 1/10,000 s

**White Balance:** Auto, ATW, Manual, One Push, 3200K, 5800K

**Effects:**

Mirror Image, Still Image on Field Memory, Pastel Image, Negative/Positive Reversal, Sepia Image, Monochrome Image, Enhanced Contrast, Mosaic Image, Vertical Stretch, Horizontal Stretch, Motion Image on Still Image, Continuous Still Image, Motion Images on Binaried Still Image, After-image Lag of Moving Object

**S/N Ratio:** More than 50 dB

**Pan/Tilt:** Horizontal +/- 100 degrees (Max speed 300 degrees/s), Vertical +/- 25 degrees (Max speed 125 degrees/s) (in 0.07 degrees increments)

**Video Output:** VBS, Y/C

**Power Requirements:** DC 10.8 to 13.0 V

**Power Consumption:** Max. 13.2 W (at 12 Vdc)

**Operating Temperature:** 0 to 40 ° C (32 to 40° F)

**Storage Temperature:** -20 to 60° C (-4 to 140°F)

**Dimensions:** 113 (W0 x 120 (H) x 132 (D)mm (4-1/2 x 4-3/4 x 5-1/4 inches)

**Mass:** 860 g (1 lb 14 oz)

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