

# SONY®

Communication Color Video Camera

## EVI-D100 (NTSC) EVI-D100P (PAL)

Preliminary

Component / OEM



### OUTLINE

The Sony EVI-D100 (NTSC) and EVI-D100P (PAL) video cameras are a great choice for any application that requires a high-quality color video camera with the flexibility of remote pan/tilt/zoom operation, all in a compact easy to use package. These high quality CCD cameras combine a high-speed, quiet pan/tilt with a wide angle of view and 40x zoom. Innovative features such as auto focus and automatic exposure control are fast and stable for hands free operation when the camera changes pan/tilt positions. The EVI-D100/D100P models are ideal for applications such as videoconferencing, distance learning, surveillance, telemedicine, conference and training rooms, courtrooms, houses of worship and internet communications.

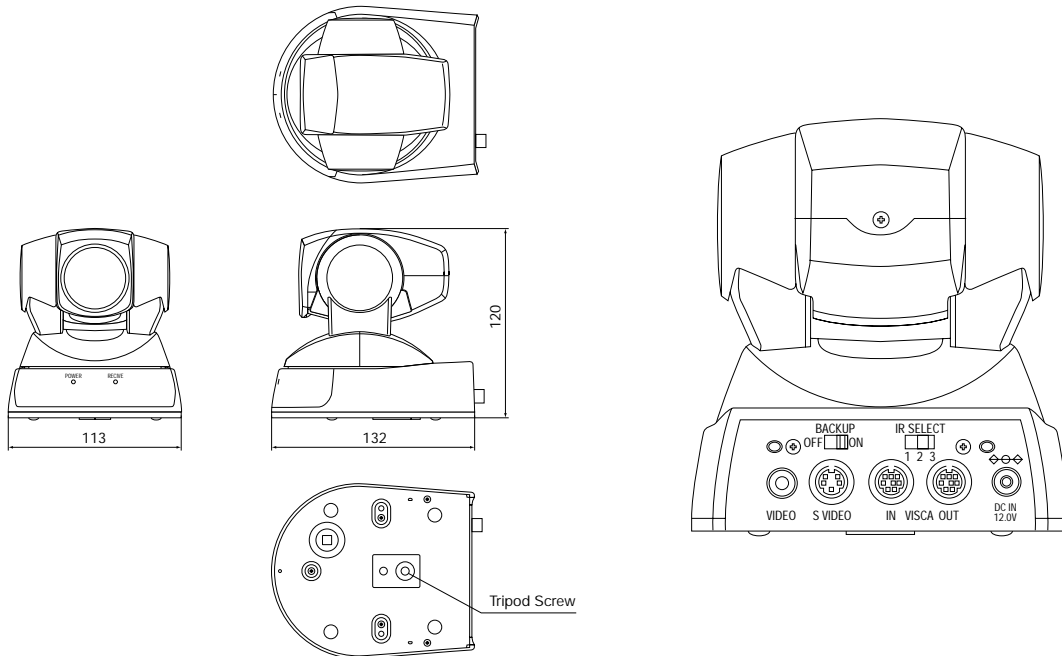
### FEATURES

- **High Speed, Wide Range Pan/Tilt**  
The camera moves to a designated position quickly and immediately with one of the highest pan/tilt speeds in its class.  
Max. Pan speed: 300 degrees/s (range  $\pm 100$  degrees)  
Max. Tilt speed: 125 degrees/s (range  $\pm 25$  degrees)
- **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)**  
The fast and stable auto focus zoom lens reaches impressive 40x zoom ratio.
- **Built-in Conversion Lens for Wide Angle View (65 degrees)**  
The EVI-D100/D100P incorporates a newly developed wide-angle lens for wide field of view image capturing, making it ideal for use in small-sized rooms.
- **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 unit is powered off.
- **Auto Sleep Function**  
The camera can be set to automatically turn off when not in use after a specified period of time.
- **Various Picture Effects**  
Mirror Image, Still Image on Field Memory, Pastel Image, Negative/Positive Reversal, Enhanced Contrast, etc.
- **Multi-function IR Remote Commander® unit**  
Easy to use supplied remote commander unit is useful for basic pan/tilt/zoom camera control.
- **RS-232C Serial Control by VISCA™**  
Control all camera settings and pan/tilt/zoom functions remotely via PC.

## SPECIFICATIONS

	EVI-D100	EVI-D100P
Video Signal	NTSC	PAL
Image Sensor	1/4 type Super HAD CCD	
Effective Pixels	768 (H) x 494 (V)	752 (H) x 582 (V)
Horizontal Resolution	470 TV lines (Wide end)	460 TV lines (Wide end)
Lens	X10 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	
Min. Object Distance	100 mm (Wide end), 600 mm (Tele end)	
Min. 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	1/3 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 (W) 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)	
Supplied Accessories	AC Adaptor, IR Remote Commander unit, Velcro tape, Operating Instruction	

## DIMENSIONS



(unit: mm)

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- Sony of Canada Ltd. (CANADA)
- Sony Broadcast & Professional Europe HQ

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