

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

Intelligent communication camera perfectly suited for applications that requires a high-quality color video camera with the flexibility of remote pan/tilt/zoom operations. EVI-D100 NTSC VERSION



### Overview

The EVI-D100/P is a high quality CCD cameras 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/P 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.

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

Fast and stable auto focus zoom lens reaches 40x zoom for hands free operation with constant picture quality

A newly developed wide-angle lens for wide field of view image capture, make it ideal for use in small-sized rooms an videoconferencing applications.

The EVI-D100/P camera moves to a designated position quickly and immediately with one of the highest pan/tilt speeds in its class.

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

Easy to use supplied remote commander unit is useful for basic pan/tilt/zoom camera control.

The camera can be set to automatically turn off when not in use after a specified time period.

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.

Negative/Positive Reversal, Black White (Monochrome Image), and many others.

Intelligent design makes the EVI-D100 easy to disassemble and reassemble in case of servicing.

## Features

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## Specifications

### Generic Specifications

CCD Sensor	1/4 type Super HAD CCD
Video Signal	NTSC
Effective Pixels	768 (H) x 494 (V)
Horizontal resolution	470 TV lines (Wide end)
Lens	10x Optical zoom, 40x with Digital Zoom, f=3.1 mm (wide) to 31 mm (tele), F1.8 to F2.9
Digital Zoom	4x (40x with optical zoom)

Lens distortion	Less than 5 %
Angle of View (H)	6.6 degree (wide end) to 65 degree (tele end)
Min. Subject Distance	100 mm (wide end), 600 mm (tele end)
Sync system	Internal
Min. Illumination	3.5 lux (F1.8)
S/N ratio	More than 50 dB
Pan/Tilt	Horizontal $\pm$ 100 degrees (Max speed 300 degrees/s), Vertical $\pm$ 25 degrees (Max speed 125 degrees/s) (in 5/72 degrees increments)
Electronic shutter speed	1/4 to 1/10,000 sec.
White balance	Auto, ATW, One Push WB, Manual WB, 3200K, 5800K
Digital effects	Pastel/Nega/Sepia/B&W/Solarize/Mosaic/Slim/Stretch/Still/Flash/Lumi
AE control	Auto, Manual, Priority AE, Exposure compensation, Back Light compensation
Position preset	6 positions
Serial control	VISCA (RS-232C, 9600bps)
Video Output	VBS, Y/C
Storage temperature	-20 to 60°C; (-4 to 140°F)
Operating temperature	0 to 40°C
Power requirements / Power consumption	DC 12 V Max. 13.2W (at 12 Vdc)
Dimensions	113 (W) x 120 (H) x 132 (D) mm (4½ x 4¾ x 5¼ inches)
Mass	860 g (1 lb 14 oz)
Packing	Master Carton with 4 pieces

## Supplied Accessories

AC Adaptor with cable

IR Remote Commander

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Velcro tape

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Operating Instructions

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## Gallery

