

EVI-D80/D80P(PAL)

Standard Definition PTZ camera



Overview

This smartly styled PTZ (pan/tilt/zoom) camera is ideal for a wide range of security, video conferencing, distance learning and remote monitoring applications.

The $\frac{1}{4}$ -type CCD sensor ensures crisp Standard Definition picture quality, even in dim ambient lighting conditions.

The stepper motor enables smooth pan/tilt/zoom operation, while an 18x optical zoom range allows frame-filling close-ups.

Equally suitable for standard or ceiling mounting, the camera is available in a choice of black (EVI-D80P) or white (EVI-D80P/W) finishes.

*EVID80/W is a white model.

U.S. and Canadian accessory packs

EVI-D80/PAC2 & EVI-D80W/PAC2 camera & cable packages are available in the U.S. and Canada. Please speak to your local Sony Professional Authorised Reseller to find out more.

Features

Crisp, clear SD images

The $\frac{1}{4}$ -type CCD sensor captures crisp Standard Definition images. Shutter speed, gain and white balance are adjustable for excellent performance under virtually any lighting conditions.

Wide 18x optical zoom

The 18x optical zoom range is complemented by 12x digital zoom for frame-filling close-ups of small objects, with every detail seen clearly. A choice of manual, AF or infinity focus modes gives full installation flexibility in any monitoring situation.

Fast PTZ operation

The stepper motor assures smooth, rapid movement to the target position over a wide pan/tilt angle range.

6 presets

Pan/tilt/zoom settings plus focus, AE and white balance mode can be stored as six position presets for instant recall.

Standard or ceiling mounting

Installation flexibility is increased by a choice of standard or ceiling mounting options. The camera's E-Flip function automatically detects mounting orientation so output

images are always the right side up.

Control remotely

Camera settings and PTZ can be controlled from a remote PC via RS-232C/RS-422 (VISCA) protocols.

Supplied IR remote

Easily control pan/tilt/zoom settings using the supplied infrared remote commander.

Stylish design

The camera's smart, sleek design fits unobtrusively into a wide range of security and monitoring environments.

Specifications

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Image sensor	1/4-type CCD
Signal system - SD	NTSC/PAL
Lens - Focal length	f=-4.1 mm (Wide) to 73.8 mm (Tele) F1.4 to F3.0
Lens - Optical zoom	18x
Lens - Digital zoom	12x
Min. object distance	10 mm (wide) - 800 mm (tele) *Default: 290 mm
Horizontal viewing angle	48.0 degrees (wide) to 2.8 degrees (tele)
Focus systems	Auto, One-push AF, Manual, Infinity
Min. illumination	0.4 lx (F1.4, 50 IRE)
Shutter speed	1 to 1/10,000 s
Gain	Auto/Manual/Max. AE Gain Limit (-3 dB to +28 dB, 2 dB steps)
White balance	Auto, Indoor, Outdoor, One-push, Manual
Wide-D	No
Exposure control	Auto, Manual, Priority mode (shutter priority & iris priority), Bright, EV compensation, Slow Shutter AE
Auto ICR	No
S/N ratio	More than 50 dB (3D Noise Reduction)
Pan/Tilt - Angle - Pan	±170°
Pan/Tilt - Angle - Tilt	+90°/-20°
Pan/Tilt - Max. speed - Pan	100°/sec
Pan/Tilt - Max. speed - Tilt	90°/sec

Preset positions	6
Video output - SD	VBS, Y/C
Camera control - Interface	RS-232C/RS-422
Camera control - Protocol	VISCA
Power requirements	DC 12 V
Power consumption	6 W
Operating temperature	0°C to 40°C (32°F to 104°F)
Storage temperature	-20°C to +60°C (-4°F to +140°F)
Mass	1,440 g (3 lb 3 oz)
Dimensions (W x H x D)	145 x 164 x 164 mm (5 3/4 x 6 1/2 x 6 1/2 inches)
Body colour	Black, White
Supplied accessories	AC adaptor AC power cable IR remote commander unit Ceiling bracket Operating instructions RS-422 connector plug

Gallery

