



EVIHD1
10x High Definition
Color Pan/Tilt/Zoom
Camera

\$3,650.00

U.S.List Price

Overview

Conference rooms and boardrooms everywhere are going HD, and Sony's EVI-HD1 takes the headache out of this transition with the flip of a switch - literally. Sony is adding a high-definition model to its EVI camera series. Since it is also compatible with standard definition (SD), this unique p/t/z camera allows you to take the first step in HD migration.

The EVI-HD1 camera combines a high-quality HD color video camera with the flexibility of remote pan/tilt/zoom operation. With 14 formats to choose from (including eight HD types and six SD video formats), this new dynamic camera allows end-users to decide when they are ready to migrate from SD to HD. The EVI-HD1 is compatible today with existing videoconferencing systems and will be compatible tomorrow with HD based ones.

It also inherits many outstanding features from the EVI-D100 P/T/Z camera and couples these with superb HD picture quality. Smooth, high-speed pan/tilt operation, 16x9 aspect ratio images and a built-in 10x optical zoom/wide angle lens, make the EVI-HD1 ideal for small to medium size conference rooms.

Highlights

- * 1/3 type CMOS image sensor
- * Approximately 2M effective pixels
- * Signal System: 1080/59.94i, 1080/50i, 1080/29.97p, 1080/25p, 720/59.94p, 720/50p, 720/29.97p, 720/25p, NTSC, PAL
- * Video Output: HD-SDI, HD Analog component(Y/Pb/Pr), VBS, Y/C
- * 10x Optical, 4x digital zoom lens
- * RS-232C Camera Control Interface
- * 6 position presets
- * Pan: -100 to +100 deg. (Max. speed 300 deg./sec)
- * Tilt: -25 to +25 deg. (Max. speed 125 deg./sec)
- * Minimum Illumination: 15lx (F1.8)
- * Horizontal viewing angle: 8° (Tele) to 70° (Wide)
- * Dimensions: 10-1/4 x 6 x 6-3/4 inches
- * Mass: 4 lbs. 7 oz.

Features

Features	Benefits
Video Format Compatible with Multiple Formats from NTSC/PAL to Full HD	The EVI-HD1 camera allows for SD to HD migration. The EVI-HD1 enables you to shoot an image using the 1080i full high definition video format and output in one of 14 formats, including eight HD types and six SD video formats (e.g. 720p, 1080p, 1080i and HD-Analog and HD-Digital).
Quiet, High-Speed Pan/Tilt Action	By adopting the direct drive motor mechanism similar to the drive motor found in the EVI-D100 camera, the EVI-HD1 camera is extremely quiet and moves smoothly and quickly to the designated positions.
High-Quality Image Transmission via the Digital Interface (HD-SDI)	This new camera outputs an HD image that conforms to the SMPTE 292M serial digital interface standard which allows for long distance transmission of high-quality images.
Built-In Conversion Lens for Wide Angle View (70	The EVI-HD1 incorporates a newly developed wide-angle lens for wide field of view image capture, a plus for small to medium sized conference rooms.

degrees)	
RS-232C Serial Control by VISCA™ Protocol	All camera settings and pan/tilt/zoom functions for the EVI-HD1 can be controlled remotely via PC.

Specifications

Camera Specifications	Detail
Image Device	1/3-type CMOS
Effective Pixels	Approx. 2 Megapixels (16:9)
Lens	10x optical Zoom 40x with digital zoom f = 3.4 to 33.9 mm F 1.8 to F 2.1
Lens Value	10x
Minimum Object Distance	100 mm (wide)
Auto Exposure	Auto Manual Priority AE Exposure compensation Bright
Shutter Speed	1/2 to 1/10000 sec
Gain	Auto/Manual (-3 to +18 dB)
White Balance	Auto Indoor Outdoor One push auto Manual
Pan Angle/Speed	Pan: ±100° Max. speed: 300°/sec
Tilt Angle/Speed	Tilt: ±25° Max. speed: 125°/sec
Horizontal Viewing Angle	8° (tele) to 70° (wide) at HD signal output
Resolution Value	High Definition
Preset Positions	6 positions
Video Output Specifications	Detail
Minimum Illumination	15 lx (50 IRE F1.8)
S/N Ratio	50 dB
Video Output	HD: HD-SDI Analog Component (Y/Pb/Pr) SD: VBS Y/C
Signal System	HD: 1080/59.94i 1080/50i 1080/29.97p 1080/25p 720/59.94p 720/50p 720/29.97p 720/25p SD: NTSC and PAL
General Specifications	Detail
Dimensions (W x H x D)	10 1/4 x 6 x 6 3/4 inches (259 x 150 x 169 mm)
Weight	Approx. 4 lb 7 oz (2 kg)

Power Requirements	12 V DC (10.8 to 13.0 V DC)
Power Consumption	Max. 30 W (at DC 12 V)
Operating Temperature	32 to 104°F (0 to 40°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)

Accessories

Supplied Accessories

Model:	Description:	U.S.List Price
	AC adaptor (1)	Pricing available upon request
	AC power cable (1)	Pricing available upon request
	IR remote commander unit (1)	Pricing available upon request
	Operating instructions (1)	Pricing available upon request

Optional Accessories

Model:	Description:	U.S.List Price
RMBR300	Remote Control Unit for the BRC-300 / H700 / Z700 / Z330 / H900	\$1,575.00

Resources

User Manual

Description:	Release Date	Type/Size
EVI-HD1 Technical Manual		pdf / 535K

Product Brochure

Description:	Release Date	Type/Size
EVI-HD1 Brochure	12/08/2006	pdf / 280K