

EVI-D70/D70P(PAL)

The EVI-D70/EVI-D70P is a Pan Tilt Zoom video camera for remote shooting and remote monitoring applications.



Overview

Intelligent communication to capture remotely every scene

The EVI-D70/EVI-D70P combine a high quality colour video camera with the flexibility of a remote pan/tilt/zoom operation, all in a compact easy-to-use package. Incorporating an 18x optical zoom lens, these cameras allow a user to zoom in on a small or distant object with exceptional clarity.

Compared to his predecessor, the EVI-D31, the EVI-D70/EVI-D70P camera offer a wide pan/tilt range, and a faster pan/tilt mechanism.

Above all, these cameras are ceiling mountable - a first for the popular Sony EVI cameras.

The EVI-D70/EVI-D70P is equipped with a variety of convenient features such as auto ICR function, Alarm function and RS-232C/422 serial control , making them ideal for any remote shooting applications such as distance learning, indoor and outdoor security systems, courtrooms, event venues, concert halls, and more.

*EVI-D70/W is a white model.

Ceiling/Desktop mountable:

The new EVI-D70/EVI-D70P camera is at the same time ceiling mountable and desktop, what represent a unique feature in this Pan Tilt Zoom market. In addition, a complete ceiling kit is provided with the camera.

Superb picture quality with Exview HAD CCD:

The adoption of Sony Exview had CCD improves basic camera performance. For example, these cameras offer superb sensitivity of 1 lux (typical), and a low smear level and D-range.

Auto ICR (IR Cut Filter Removal) Function:

The Auto ICR function automatically switches the settings to attach or remove the IR Cut filter is automatically disabled (ICR ON), and tghed infrazred sensitivity is increased. With a set level of brightness, the filter is automatically engageds depending on the ambient light, allowing the cameras to be effective both in day and night environments.

RS-232C or RS-422 Serial control (VISCA Command):

All cameras settings and pan/tilt/zoom functioInS can be con btrolled remotely via a PC. With the RS-232C connection , maximum cable length can be extented to 15 meters, while the RS-422 connection extends this further to 1200 meters.

Features

High resolution picture quality

The EVI-D70/D70P achieves excellent picture quality of over 460 TV lines using a Sony 1/4-inch EXView HAD colour CCD.

High speed, wide range PTZ

2. A high speed pan

x18 Optical Zoom

A x18 optical zoom gives f=4.1 mm to 73.8 mm, and F1.4 to F3.0

Ceiling/Desktop Mountable

The EVID70/EVID70P is at the same time ceiling and desktop mountable. This capability is unique in the Pan Tilt Zoom market.

Six position pre-set

Six pre-set positions can be programmed into the camera's memory.

Auto Tracking

Users can pre-define subjects to be continually tracked. Pixels of similar colour and brightness can be detected by the EVI-D31 and the target extracted using the subject model, based upon light reflection and non-linear camera processing. Four modes for pre-defining a subject are available - pan

RS-232C/RS-422 serial port

The RS-232C serial port allows the camera to be controlled from remote locations up to 15 meters, whereas the RS-422 (new!!!) allows the camera to be controlled from remote locations up to 1200 meters.

Plug and Play product: Various applications

Simple installation and operation, together with remote access control over the Internet, gives users flexibility and creativity for many creative applications.

Specifications

Camera	
Image Sensor	1/4 type EXview HAD CCD
Image Sensor (Number of Effective Pixels)	752 x 582
Signal System	PAL
Minimum Illumination (50IRE)	1 lx (F1.4)
S/N Ratio	More than 50 dB
Gain	Auto/Manual (-3 to +28 dB, 2 dB steps)
Shutter Speed	1 to 1/10,000 s
Exposure Control	Auto, Manual, Priority AE, Exposure compensation, Back-light compensation
White Balance	Auto/ATW/Indoor/Outdoor/One push/Manual
Optical Zoom	18x
Digital Zoom	12x

Focusing System	Auto/Manual
Horizontal Viewing Angle	48 degrees (wide) to 2.7 degrees (tele)
Focal Length	F1.4 to F3.0 f=4.1 mm (wide) to 73.8 mm (tele)
Minimum Object Distance	10 mm (wide end) to 800 mm (tele)
Pan/Tilt Angle	Pan: $\pm 170^\circ$, Tilt: $+ 90^\circ/-30^\circ$
Pan/Tilt Speed (Max.)	Pan: 100°/sec, Tilt: 90°/sec
Preset Position	6

Camera Features

Auto ICR	Yes
Wide-D	No
Image Stabilization	No
Image Flip	Yes
Auto Power Off	Yes
Night Power Off	Yes

Interface

Sd Video Output	VBS, Y/C
Camera Control Interface	RS-232C/RS-422 (VISCA)
Sync. System	INT

General

Power Requirements	DC 10.8 to 13.2 V
Power Consumption	12 W
Operating Temperature	32°F to 104°F 0°C to 40°C
Storage Temperature	-4°F to +140°F -20°C to +60°C
Dimensions (W x H x D) *[1]	5 1/4 x 5 3/4 x 5 3/4 inches 132 x 144 x 144 mm
Mass	950 g 2 lb 2 oz
Body Color	Black/White
Wide Conversion Lens Attachable	Yes

Mountable Angle	±15°
Ceiling Mount	Yes
Supplied Accessories	Operating instructions (1) IR remote commander unit (1) Ceiling bracket (1) AC adaptor (1)

Notes

Note	*[1] The values for dimensions are approximate.
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Gallery

