



**EVID100**  
PAN/TILT/ZOOM  
COLOR VIDEO  
CAMERA

**\$1,200.00**

U.S.List Price

UPC: 027242594364

**Overview**

Sony's EVI-D100 camera is ideal for applications such as videoconferencing, distance learning, surveillance, conference and training rooms, courtrooms, houses of worship, internet communications and just about any application that requires a high-quality color video camera with the flexibility of remote pan/tilt/zoom operations. The EVI-D100 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 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.

**Highlights**

- \* High Speed, Wide Range Pan/Tilt
- \* Quiet Operation
- \* 40x Zoom Ratio (10x Optical + 4x Digital)
- \* Built-in Conversion Lens for Wide Angle View (65 degrees)
- \* Six Position Presets with Battery Back-up
- \* Auto Sleep Function

**Features**

| Features  | Benefits  |
|---|---|
| High Speed, Wide Range Pan/Tilt Head                      | The EVI-D100 camera moves to a designated position quickly and immediately with one of the highest pan/tilt speeds in its class.                          |
| 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)                 | Fast and stable auto focus zoom lens reaches 40x zoom for hands free operation  |
| Built-in Conversion Lens for Wide Angle View (65 degrees) | A newly developed wide-angle lens for wide field of view image capture, make it ideal for use in small-sized rooms.                                       |
| Auto Sleep Function                                       | The camera can be set to automatically turn off when not in use after a specified time period.  |
| Various Picture Effects                                   | Negative/Positive Reversal, Black White (Monochrome Image).   |
| 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 camera is powered off.         |
| Multi-function IR Remote Commander® unit                  | Easy to use supplied remote commander unit is useful for basic pan/tilt/zoom camera control.  |
| Fully Controllable  | Control all camera settings and pan/tilt/zoom functions remotely via PC.  |

Remotely via RS-232C  
(VISCA)

## Specifications

| Camera Specifications       | Detail  |
|-----------------------------|---|
| Effective Pixels            | 768 (H) x 494 (V)   |
| Lens                        | 10x Optical Zoom<br>40x with Digital Zoom<br>f = 3.1 to 31<br>F 1.8 to 2.9  |
| Lens Value                  | 10x   |
| Minimum Object Distance     | 100 mm (Wide end)<br>600 mm (Tele end)  |
| Auto Exposure               | Auto<br>Manual<br>Priority AE<br>Exposure compensation<br>Back light Compensation   |
| Shutter Speed               | 1/4 to 1/10000 s  |
| White Balance               | Auto<br>ATW<br>Manual<br>One Push<br>3200K<br>5800K   |
| Pan Angle/Speed             | Pan: $\pm$ 100 degrees<br>Max speed: 300 degrees/sec  |
| Tilt Angle/Speed            | Tilt: $\pm$ 25 degrees<br>Max speed: 125 degrees/sec  |
| Horizontal Viewing Angle    | 6.6 to 65 degrees   |
| Resolution Value            | 470 TV Lines  |
| Picture Effects             | Mirror Image<br>Still Image on Field Memory<br>Pastel Image<br>Negative/Positive Reversal<br>Sepia Image<br>Monochrome Image<br>Enhanced Contrast<br>Mosaic Image<br>Vertical Stretch<br>Horizontal Stretch<br>Motion Image on Still Image<br>Continuous Still Image<br>Motion Images on Binaried Still Image<br>After-image Lag of Moving Object |
| Video Output Specifications | Detail  |
| Horizontal Resolution       | 470 TV lines (Wide end)   |
| Minimum Illumination        | 3.5 lx (F1.8)   |
| S/N Ratio                   | More than 50 dB   |
| Signal System               | NTSC  |
| General Specifications      | Detail  |
| Dimensions (W x H x D)      | 4 1/2 x 4 3/4 x 5 1/4 inches<br>(113 x 120 x 132 mm)  |
| Weight                      | 1 lb 14 oz (860 g)  |
| 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) |

## Accessories

### Supplied Accessories

| Model: | Description:             | U.S.List Price                 |
|--------|--------------------------|--------------------------------|
|        | AC adaptor               | Pricing available upon request |
|        | IR Remote Commander unit | Pricing available upon request |
|        | Velcro tape              | Pricing available upon request |
|        | Operating instruction    | Pricing available upon request |

### Optional Accessories

| Model:  | Description:  | U.S.List Price |
|---------|---|----------------|
| RC893/1 | RS-232C 3m Cable (EVI-Series)                                   | \$21.43        |
| RMBR300 | Remote Control Unit for the BRC-300 / H700 / Z700 / Z330 / H900 | \$1,575.00     |

## Resources

### User Manual

| Description:                    | Release Date | Type/Size  |
|---------------------------------|--------------|------------|
| EVI-D100/D100P Technical Manual |              | pdf / 385K |

### White Paper

| Description:       | Release Date | Type/Size |
|--------------------|--------------|-----------|
| EVI-D100 Bid Specs | 10/31/2002   | pdf / 96K |

### Software

| Description:                       | Release Date | Type/Size    |
|------------------------------------|--------------|--------------|
| For Demonstration Use Only - V 1.0 | 11/01/2001   | exe / 2,021K |

### Product Manual

| Description:                     | Release Date | Type/Size  |
|----------------------------------|--------------|------------|
| Communication Color Video Camera | 02/25/2002   | pdf / 120K |