

## EVI-D90/D90P(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 1/4-type EXview HAD CCD sensor ensures crisp Standard Definition picture quality, even in dim ambient lighting conditions.

The stepper motor enables smooth pan/tilt/zoom operation. 28x optical zoom range allows frame-filling close-ups, while image stabilisation reduces the effect of shaky images caused by wind or vibration.

Equally suitable for standard or ceiling mounting, the camera is available in a choice of black (EVI-D90P) or white (EVI-D90P/W) finishes.

## Features

- **Crisp, clear SD images**

The 1/4-type EXview HAD CCD sensor captures crisp Standard Definition images. Shutter speed, gain and white balance are adjustable for excellent performance under virtually any lighting conditions.

- **Powerful 28x optical zoom**

The 28x 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.

- **Image stabiliser**

Outdoor mounting (requires optional dome housing) can often cause shaky, blurred images from wind, vibration and other environmental factors. Image stabilisation distinguishes unwanted camera movement from motion in the scene itself for smooth, clear, more natural pictures.

- **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.

## Technical Specifications

Specifications	
● Image sensor	1/4-type EXview HAD CCD
● Signal system - SD	NTSC/PAL
● Lens - Focal length	f=3.5 mm (wide) to 98.0 mm (tele) F1.35 to F3.7
● Lens - Optical zoom	28x
● Lens - Digital zoom	12x
● Min. object distance	10 mm (wide) - 1,500 mm (tele) *Default: 300 mm
● Horizontal viewing angle	55.8 degrees (wide) to 2.1 degrees (tele)
● Focus systems	Auto, One-push AF, Manual, Infinity
● Min. illumination	0.65 lx (F1.35, 50 IRE)
● Shutter speed	1 to 1/10,000 s
● Gain	Auto/Manual/Max. AE Gain Limit (-3 to 28 dB, 2 dB steps)
● White balance	Auto, Indoor, Outdoor, One-push, Manual
● Wide-D	Yes
● Exposure control	Auto, Manual, Priority mode (shutter priority & iris priority), Bright, EV compensation, Slow Shutter AE
● Auto ICR	Yes
● 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	8 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	1,460 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

## Accessories

### Pan Tilt Zoom Cameras



**RM-BR300**  
Remote control unit for BRC  
series cameras



**RM-IP10**  
IP remote control panel for  
BRC cameras