

# CEILINGVIEW™ 70 PTZ

## CEILING-MOUNTED PAN/TILT/ZOOM CAMERA SYSTEM

The Vaddio™ CeilingVIEW 70 PTZ is a complete, half-recessed, ceiling-mounted pan/tilt/zoom camera system. The system features a Sony EVI-D70C/W camera mounted into a recessed, metal ceiling camera enclosure backbox with ceiling tile support braces and the Vaddio EZCamera™ Cabling System. The EZCamera Cabling System allows the installer to use Cat. 5 cabling to run power, video and camera control. Also included is the Vaddio PowerRite™ power supply that regulates the right amount of power needed for the camera over Cat. 5 cabling. The CeilingVIEW 70 can be controlled with the IR Remote Commander or with RS-232.



**Figure 1:**  
CeilingVIEW 70 PTZ

## WHAT'S INCLUDED

The Vaddio CeilingVIEW 70 PTZ includes:

- Sony EVI-D70C/W PTZ Camera
- Vaddio IR Remote Commander
- Concealed in-ceiling enclosure with trim ring
- One (1) EZCamera Camera Interface
- One (1) EZCamera Quick-Connect Box
- One (1) EZCamera Control Adapter
- Two (2) 50' (\*15.24m) Cat. 5 cables
- One (1) PowerRite™ Power Supply
- One (1) AC Power Adapter Cable
- One (1) 12' (4.57m) S-Video cable
- All screws and mounting hardware

## TECHNICAL FEATURES

### Sony EVI-D70C/W PTZ Camera

A ceiling-mountable PTZ camera equipped with an 18X optical and 12X digital zoom lens with wide pan and tilt range, VISCA camera control, six internal preset positions.

### EZCamera Cabling System

Allows the installer to use Cat. 5 cable to run power, video and camera control. Video Balun technology is used to extend the range of the video signal and to allow it to work on Cat. 5 cable. The Vaddio PowerRite Camera Power System includes a high output power supply and a power regulator to maintain the right voltage over Cat. 5 cable.

### HideAway Camera Enclosure

The CeilingVIEW 70 PTZ Camera Enclosure is designed to fit flush into the ceiling. The enclosure is supported in the ceiling by two different mounting methods.

- In a suspended ceiling the two 24-inch support braces are secured to the camera enclosure and the ceiling grid.
- In sheetrock ceilings, the camera enclosure is supported by the sheetrock and tile supports are not typically used.
- In both installations the trim ring is used to cover the camera opening.
- An optional Recessed Ceiling Installation Kit is available for installation into existing drywall ceilings or where access to the ceiling is restricted from above the ceiling.

### EZCamera Interface

The EZCamera interface integrates the Sony EVI-D70 Camera to the EZCamera Cable System. The interface converts camera I/O to three RJ-45 jacks. The first jack provides for power and video. The second jack provides primary camera control signaling and the third provides daisy-chain camera control to additional Sony PTZ Cameras.

### EZCamera Quick-Connect Box

This small interface box converts power, S-Video and composite video into a single Cat. 5 cable.

## TECHNICAL SPECIFICATIONS

Specification	CeilingVIEW 70 PTZ
Part Number (Signal System)	999-2304-000 (NTSC), 999-2304-001 (PAL)
Image sensor	1/4-type EXview HAD CCD
Effective Pixels	768 x 494 (H x V – NTSC), 752 x 582 (H x V - PAL)
Horizontal Resolution	470 TV lines (NTSC), 460 TV lines (PAL)
Lens	18X Optical Zoom, f=4.1 mm (wide) to 73.8 mm (tele), F1.4 to F3.0
Total Zoom	18X Optical x 12X Digital = 216X Total Zoom
Horizontal angle of view	2.7° (tele end) to 48° (wide end)
Minimum illumination	1 Lux (F1.4)
Auto exposure	Auto/Manual/Priority AE, Exposure compensation, Back-light compensation
Shutter speed	1 to 1/10,000 s
Gain	Auto/Manual (-3 to +28 dB, 2 dB steps)
White balance	Auto/ATW/Indoor/Outdoor/One push/Manual
S/N ratio	More than 50 dB
Pan/tilt	Pan: ±170° (Max. speed: 100°/s), Tilt: -30° to +90° (Max. speed: 90°/s)
Position preset	6 positions
Picture effect	Neg. Art, Black & White
Video outputs	Composite Video and S-Video (concurrent on Quick-Connect Box or Quick-Connect 4)
Codec Compatibility	In EVI-D30 mode only (within the x/y/z coordinates of the EVI-D30).
Power Supply	15 VDC, 3.33A (PowerRite Power Supply Spec), 100V– 240V Switcher For Cat. 5 Power/Video cables over 75' (22.86m), use the PowerRite 18VDC, 2.78A power supply
Operating Temperature	32 to 104° F (0 to 40° C)
Storage Temperature	-4 to +140° F (-20 to +60° C)
Dimensions	Backbox =2.625" (6.67cm) Tall x 8.75" (22.23cm) W x 8.75" (22.23cm) D
Weight	7 lbs / 3.22 kg

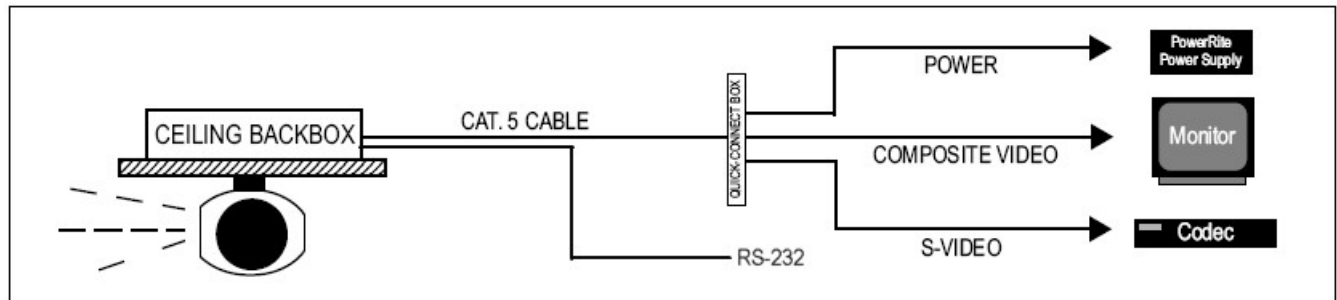


Figure 2 – EZCamera cable system with Quick-Connect Box

**vaddio**

4800 Quebec Ave. N. • Minneapolis, MN 55448  
Toll Free: 800-787-8078 • Phone: 763-537-3601 • FAX: 763-537-2852  
[www.vaddio.com](http://www.vaddio.com)