



PTZCam™ 100 Pan/Tilt/Zoom Camera

Create effective communications with the high-resolution PTZCam™ 100 camera from ClearOne, formerly known as VideoLabs. This PTZ (pan, tilt, and zoom) camera features 470 line resolution and 1/4" CCD for vivid color images, making it a great addition to videoconferencing systems and presentation rooms.

Built to be a high-performance camera, the PTZCam 100 has a 10X optical zoom with a digital zoom up to 40X (10X optical with 4X digital) that provides outstanding image clarity. It features a built-in conversion lens for a wide angle view of the entire room. Low light sensitivity enables superior image viewing in low light environments. The PTZCam 100 also features six position presets and a whisper-quiet pan/tilt mechanism.

The PTZCam 100 camera has innovative features such as auto focus, auto white balance, and automatic exposure control, which provide fast, stable, hands-free operation when the camera changes pan/tilt/zoom positions.

The PTZCam 100 can be used as a single camera or as a component of a larger multi-camera control system. It comes complete with a wireless IR remote, RS-232C port, and three separate IR frequencies for main and auxiliary camera applications.



Improve your presentation with the high quality CCD camera that combines quiet, high speed pan/tilt capabilities with a wide angle view.

Features and Benefits

- High speed, wide range pan/tilt
- Quiet operation
- 40X zoom ratio (10X optical with 4X digital)
- Built-in conversion lens for wide angle view (65°)
- Auto focus, white balance, and exposure
- S-video and composite video outputs
- 470 TVL resolution for sharp images
- Wireless IR Remote with three IR frequencies for multiple camera systems
- RS-232 ports (in and out) to allow control through external devices such as AMX® and Crestron®
- Six position presets with battery back-up
- Available in NTSC and PAL
- Manufactured by Sony

Applications

- Multi-camera control systems
- Videoconferencing
- Distance learning and training
- Presentation and demonstrations
- Surveillance
- Courtrooms
- Houses of worship

The PTZCam 100 is marketed by ClearOne, formerly VideoLabs.

Specifications

Video Signal

NTSC or PAL

Image Sensor

1/4" Sony Super HAD CCD

Effective Pixels

768(H) x 494(V)

Horizontal Resolution

470 TV Lines

Lens

10X Optical Zoom, 40X with Digital
Zoom f=3.1 to 31, F 1.8 to 2.9

Horizontal Angle of View

6.6 to 65 degrees

Minimum Illumination

3.5 lx (F 1.8)

Auto Exposure

Auto/Manual/Priority AE,
Exposure Compensation,
Back Light Compensation

Shutter Speed

1/4 to 1/10,000 sec

White Balance

Auto, ATW, Manual, One Push,
3200K, 5800K

Effects

Mirror Image, Still Image on Field
Memory, Pastel Image,
Negative/Positive Reversal, Sepia
Image, Monochrome Image, Enhanced
Contrast, Mosaic Image, Vertical
Stretch, Horizontal Stretch, Motion
Image on Still Image, Continuous Still
Image, Motion Images on Binaried
Still Image, After-Image Lag of
Moving Object

S/N Ratio

More than 50dB

Pan/Tilt

Horizontal +/- 100 degrees (maximum
speed 300 degrees per sec in .07
degree increments), Vertical +/- 25
degrees (maximum speed 125 degrees
per sec in 0.07 degree increments)

Video Output

S-video and Composite video

Power Requirements

DC 10.8 to 13.0 V

Power Consumption

Maximum 13.2 W (at 12 VDC)

Operating Temperature

0 to 40° C (32 to 104° F)

Dimensions (WxHxD)

4 1/2" x 4 3/4" x 5 1/4"
(113 mm x 120 mm x 132 mm)

Weight

1 lb 14 oz (860 g)

Part Number

910-171-041 (NTSC)
910-171-041-PAL (PAL)