

# IV-CAMPTZ-12-W-1B

1 Beyond PTZ Camera, 12x Optical Zoom, White



- High quality video supporting resolutions up to 1080p60
- Control using VISCA over IP
- Smooth and quiet operation
- Compatible with Automate™ multicamera systems
- Image Flip allows for optional inverted mounting
- Single Ethernet connection provides power (PoE+), monitoring, and control

The IV-CAMPTZ-12-W-1B<sup>1</sup> is a high quality PTZ IP camera that can output up to 1080p60 resolution video via the 3G-SDI or HDMI® ports. It is ideal for any meeting where one camera needs to capture several areas of the room. Combine with 1 Beyond Automate VX for a multi-camera speaker (presenter) tracking solution. The IV-CAMPTZ-12-W-1B camera supports a single Ethernet connection and provides power (PoE+), monitoring, and control.

## High Quality Video

A high quality Sony Exmor® CMOS sensor enables the camera to output up to 1080p60 resolution video via the 3G-SDI or HDMI ports.

## Manual Control Options

Use VISCA over IP to control the camera with a Crestron® control system. 1B Cam Manager Software is included for easy configuration from a computer on the network.

## Quiet, Fast Switching Between Presets

Up to 256 pan, tilt, and zoom combination presets can be configured. The camera will move to the selected preset point.

A quiet, fast motor (120°/s pan speed) sets camera angles quickly.

## Multicamera Capability with Automate Systems

Add the IV-CAMPTZ-12-W-1B camera to an Automate multicamera system. Automate can be set to autoswitch between multiple 1 Beyond cameras to focus on the active speaking participant. Incorporate popular microphones and DSPs to switch between the presenter and audience.

## Mounting Options

Standard mounting holes make it easy to mount the camera to a wall mount (included). Image flip allows the camera to be mounted inverted if needed.

## Specifications

### Optics and Processing

Image Sensor	1/2.8 in. Sony Exmor CMOS, 2.14MP
Focal Lens & Iris	f=3.9-46.8 mm, F1.6 - F2.8
Field of View	72.5° - 6.3°
Focus System	Auto, Manual, PTZ Trigger
Minimum Illumination	0.5 Lux (30FPS)
Shutter Speed	1/1 - 1/10,000 sec
Gain	Auto, Manual
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Exposure	Auto, Manual, Shutter Priority, Iris Priority
Number of Presets	Up to 256
Serial Control	RS-485, RS-232 (VISCA, PELCO-D)
IP Control Protocol	HTTP, RTP, TCP, UDP, ONVIF

### Pan, Tilt, Zoom

Tilt/Pan Angle	Tilt: 30° - 90°, Pan: 170° - 170°
Tilt/Pan Speed	Tilt: 0.1° - 90° /s, Pan: 0.1° - 120° /s
Zoom	12x Optical, 12x Digital

### Connectivity

Ethernet	RJ-45, 100Mb
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### Video

Video Outputs <sup>1</sup>	3G-SDI, HDMI
Signal Formats (HD)	1080p60/50/30/25, 1080i60/50, 720p60/50/30/25

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<b>IP Video Compression</b>	H.264 (Dual stream)
<b>Streaming</b>	RTSP, RTMP
<b>Streaming Resolution</b>	Up to 1080p30, User-selectable framesize/framerate/bitrate

## Audio

<b>IP Audio Compression</b>	AAC
<b>Audio Input</b>	1x Line In

## Power

<b>Power</b>	12VDC, <30 W, PoE+
<b>PoE+ Rating</b>	25.5 W

**NOTE:** To comply with the European Directive (CE), shielded CAT5e cable must be used as a minimum for PoE power.

## Environmental

<b>Temperature</b>	32° to 104°F (0° to 40°C)
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## Construction

<b>Mounting</b>	1/4 in. threaded mount hole, compatible with Wall Mount and J-Mount ceiling bracket
<b>Color</b>	White
<b>S/N</b>	≥50dB

## Dimensions

<b>Dimensions</b>	8.9 in. x 8.1 in. x 6.3 in. (226 mm x 206 mm x 160 mm)
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## Weight

3.74 lb (1.7 kg)

## Included Accessories

Power Supply

Wall Mount

Serial Control Breakout

Remote Controller

## Note:

1. The IV-CAMPTZ-12-W-1B camera includes integrated circuits produced by HiSilicon (part numbers HI3516ARBCV100 and HI3516ARFCV200), a subsidiary of Huawei Technologies Company.

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## HDMI

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