

# IV-CAMPTZ-12-N-SLVR-1B

1 Beyond PTZ Camera, 12x Optical Zoom, NDI®|HX Compatible, Silver



- 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, control, and NDI®|HX compatible video

The IV-CAMPTZ-12-N-SLVR-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-N-SLVR-1B camera supports a single Ethernet connection and provides power (PoE+), monitoring, control, and NDI®|HX video.

## 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-N-SLVR-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.

## NDI|HX for High Quality Network Video

NDI|HX supports efficient and flexible IP configuration with other networked NDI-enabled devices. NDI|HX allows for easy installation and scalability with a single network pull.

## 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

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

### Pan, Tilt, Zoom

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

### Connectivity

<b>Ethernet</b>	RJ-45, 100Mb
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### Video

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<b>Video Outputs<sup>1</sup></b>	3G-SDI, HDMI, NDI HX over Ethernet <sup>2</sup>
<b>Signal Formats (HD)</b>	1080p60/50/30/25, 1080i60/50, 720p60/50/30/25
<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>	Silver
<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-N-SLVR-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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