

IV-CAMPTZ-20-W-1B

1 Beyond PTZ Camera, 20x 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-20-W-1B¹ 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-20-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-20-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.

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Specifications

Optics and Processing

Image Sensor	1/2.8 in. Sony Exmor CMOS, 2.14MP
Focal Lens & Iris	f=4.7-94 mm, F1.6 - F3.5
Field of View	59.5° - 2.9°
Focus System	Auto, Manual, PTZ Trigger, One Push
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	20x Optical, 20x Digital

Connectivity

Ethernet	RJ-45, 100Mb
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Video

Video Outputs ¹	3G-SDI, HDMI
Signal Formats (HD)	1080p60/50/30/25, 1080i60/50, 720p60/50/30/25
IP Video Compression	H.264 (Dual stream)
Streaming	RTSP, RTMP
Streaming Resolution	Up to 1080p30, User-selectable framesize/framerate/bitrate

Audio

IP Audio Compression	AAC
Audio Input	1x Line In

Power

Power	12VDC, <30 W, PoE+
PoE+ Rating	25.5 W

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

Environmental

Temperature	32° to 104°F (0° to 40°C)
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Construction

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

Dimensions

Dimensions	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)

Note:

1. The IV-CAMPTZ-20-W-1B camera includes integrated circuits produced by HiSilicon (part numbers HI3516ARBCV100 and HI3516ARFCV200), a subsidiary of Huawei Technologies Company.

Included Accessories

Power Supply

Wall Mount

Serial Control Breakout

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

The specific patents that cover Crestron products are listed online at patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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HDMI

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