

# IV-CAMFL-N-W-1B

1 Beyond Falcon™ Presenter Tracking Camera, ePTZ, 2x Digital Zoom, NDI®|HX Compatible



- *Automatically tracks the presenter*
- *Uses advanced AI tracking technology*
- *Optimal for small to medium sized rooms*
- *Up to 1080p60 resolution output from a 4K ePTZ camera*
- *Locks on a single presenter, not distracted by others*
- *Single Ethernet connection provides power (PoE), monitoring, control, and NDI®|HX compatible video*
- *Smooth tracking and quiet operation*
- *Optional manual control for digital PTZ camera functionality*

The IV-CAMFL-N-W-1B is a simple but powerful intelligent IP camera designed for small to medium size rooms. The IV-CAMFL-N-W-1B uses facial and motion detection to automatically track and frame the presenter. All the tracking intelligence is built into the camera – no external system is needed. The IV-CAMFL-N-W-1B camera supports a single Ethernet connection and provides power (PoE), monitoring, control, and NDI®|HX video.

## Smart Tracking

The IV-CAMFL-N-W-1B tracks and frames a presenter up to 25 ft away without disruption from other moving objects or people. If the presenter leaves the tracking zone and another presenter walks in, the IV-CAMFL-N-W-1B will begin tracking the second presenter. When no one is in the tracking zone, the camera returns to a specified home position.

## 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.

## High Quality Video

The IV-CAMFL-N-W-1B uses a 4K full room view to intelligently and seamlessly track a presenter. A high quality CMOS sensor enables the camera to output up to 1080p60 resolution video.

## Quiet, Fast Switching Between Presets

Up to 256 pan, tilt, and zoom combination presets can be configured. The camera will move digitally to the selected preset point. As the IV-CAMFL-N-W-1B utilizes digital PTZ technology, switching between presets is soundless.

## 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.

## Optional Manual Control

With autotracking turned off, the camera operates like a standard PTZ camera and is controllable via USB or IP.

## Specifications

### Optics and Processing

<b>Image Sensor</b>	1/2.5 in. CMOS, 8.57 megapixel
<b>Focal Length &amp; Iris</b>	f=7.9 mm (ePTZ Camera)
<b>Field of View</b>	68° - 41° (ePTZ Camera)
<b>Focus System</b>	Fixed
<b>Minimum Illumination</b>	1 Lux
<b>Shutter Speed</b>	1/1 - 1/10,000 sec
<b>Gain</b>	Auto, Manual
<b>White Balance</b>	Auto, One Push, Manual
<b>Exposure</b>	Auto, Manual, Shutter Priority, Iris Priority
<b>Number of Presets</b>	Up to 256
<b>Serial Control</b>	PELCO-D, VISCA
<b>Protocol</b>	HTTP, TCP, UDP, ONVIF
<b>Address</b>	0 - 63

### Pan, Tilt, Zoom

<b>Zoom</b>	2x Digital
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### Connectivity

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

<b>Video Outputs</b>	NDI HX over Ethernet
<b>Signal Formats (HD)</b>	1080p60/50/30/25, 1080i60/50, 720p60/50

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<b>IP Video Compression</b>	H.265, H.264
<b>Streaming</b>	RTSP, RTMP
<b>Streaming Resolution</b>	Up to 1080p30 (Tracking Image-Dual Stream, Full View Image-Dual Stream)

## Audio

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

## Power

<b>Power</b>	12VDC, <9 W, PoE
<b>PoE Rating</b>	15.4 W

## Environmental

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

<b>Mounting</b>	2x 1/4 in. threaded mount hole
<b>Recommended Mounting</b>	Height: 7-12 ft, Distance: 15-25 ft
<b>Color</b>	White
<b>S/N</b>	≥50dB

## Dimensions

<b>Dimensions</b>	5.87 in. x 2.99 in. x 2.28 in. (149 mm x 76 mm x 58 mm)
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## Weight

0.92 lb (0.42 kg)

## Included Accessories

**Power Supply**

IVA-WMT-BRKT-1B

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](http://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](http://www.crestron.com/warranty) for full details.

The specific patents that cover Crestron products are listed online at [patents.crestron.com](http://patents.crestron.com).

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