

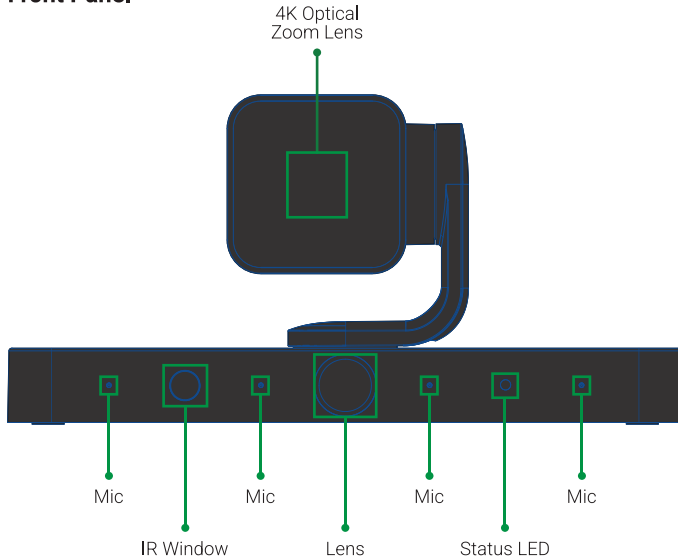
Dual-Lens 4K AI Camera for Intelligent AI-Tracking and Crystal-Clear Conferencing

CAM-420-PTZ

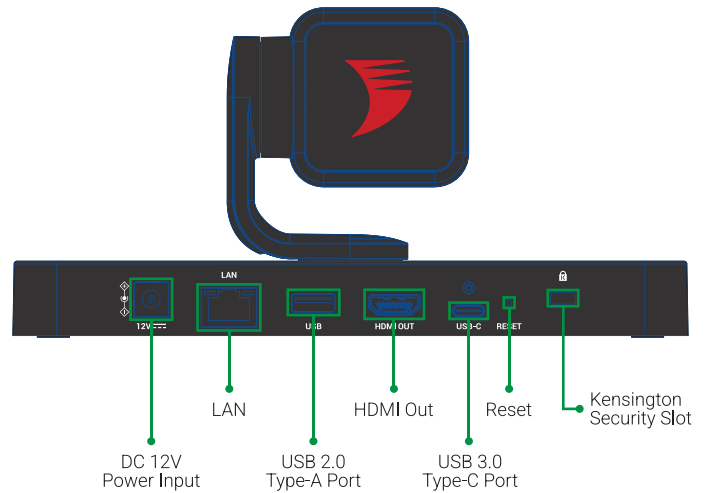
WyreStorm®

Specification Sheet

Front Panel



Rear Panel



WyreStorm - Powerful. Reliable. Simple.

Introduction

The CAM-420-PTZ is a 4K dual-lens AI tracking camera design for medium room and huddle room, providing a 3x optical zoom PTZ camera with DFOV 110° and a second panoramic lens with DFOV 120°. It offers built-in 4 mics to detect human voice and audio tracking function. AI technology includes Auto Framing, Speaker Tracking, Presenter Tracking, and Individuals Gallery to enhance the meeting experience. Additionally, this camera also supports multiple installations options whether on a conference table, top of TV, mounted on a wall, or placed on a tripod make it instantly ready for any meeting.

Key Features

- Dual-lens design with 4K PTZ and 1080p panoramic cameras for full-room coverage
- Advanced AI features including auto framing, speaker tracking, presenter tracking, and Individuals Gallery
- 3x optical zoom with 110° PTZ and 120° panoramic field of view
- Built-in 4-mic array for voice detection and AI audio tracking (not for conferencing audio)
- Plug & play via USB-C, HDMI and NDI output included, compatible with Windows, macOS, Zoom, Teams, and more

In the Box

- 1x CAM-420-PTZ Camera
- 1x 12V/3.0A Power Supply (US/UK/EU/AU)
- 1x USB-C to USB 3.0 Type-A cable (1.8m)
- 1x Mounting Kits (installation on table or wall)
- 1x Quick Start Guide
- 1x Privacy Cover
- 1 x Remote Controller

Specifications

Video	
Outputs	1x USB-C Output 1x HDMI Output 1x NDI Output
Video Resolution (Max)	4K@30fps
Output Video Encoding	MJPEG (default), H265/H264/NV12 (for NDI stream)
Camera and Sensor	
Sensor	AI lens: 8M effective pixels Panoramic lens: 2M effective pixels
Lens	AI lens: 8MP 3x optical zoom DFOV: 110° Panoramic lens: 2MP DFOV: 120°
Rotation	Horizontal: ±75° Vertical: ±45°
Smart AI	Auto Framing (default as on) Speaker Tracking Presenter Tracking Individuals Gallery
Auto Exposure	Yes
Auto White Balance	Yes
Auto Digital Noise Reduction	Yes
Audio	
Microphone	4x MEMS mic array Pickup Range: 5m Note: Mic for detecting human voices and offers audio tracking, can't use as video conference audio source.
Communication and Control	
USB	1x USB-C: USB 3.1 Gen Max Bandwidth: 5.0 Gbps backward compatible with USB 2.0 1x USB-A: USB 2.0 Max Bandwidth: 480Mbps
USB Protocols	UVC 1.1
Ethernet	1x LAN: 8-pin RJ-45 Female Web UI API
Control Methods	Web UI RCU I NDI Compatible Control APP
Power	
Power Supply	12V DC 3A
Environmental	
Operating Temperature	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing
Storage Temperature	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing
Dimensions and Weight	
Length x Width x Height	200mm/7.87in x 69mm/2.72in x 97mm/3.82in
Regulatory	
Safety and Emission	CE FCC RoHS EAC UKCA

Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.