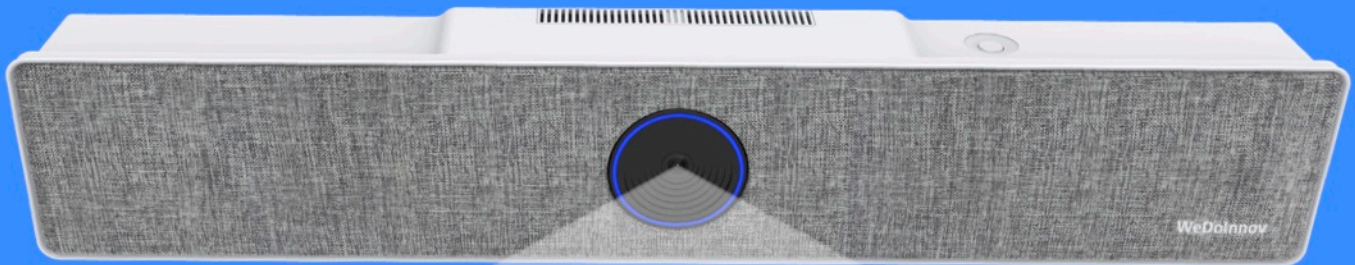# WeDoInnov

HD9Pro

WeDoInnov HD9Pro is an all-in-one collaboration device that especially designed for small to medium size rooms. HD9Pro integrates camera, codec, speaker and microphones as one single device that provides unparalleled video and audio experience. With advanced ePTZ camera, 4K ultra HD image sensor and 108° super wide-angle lens, every participant can be clearly seen and details are clearly presented to be discussed in the room.

Audio quality is alwasy being the chanllenge of a video conference. HD 9Pro audio is delicately designed for small to medium size conference rooms especially to provide professional and satisfactory sound effect. Two beamforming microphone arrays with hi-fi speaker ensure that audio in the meeting is just as exciting as the video during video conferencing. In addition, the expansion microphone are optional for larger rooms to ensure attendance at every corner to be heard clearly.

HD9Pro integrates Windows 10 operate system compatible with any Windows based collaboration software applications and cloud services, such as Skype for Business, Zoom, Vidyo etc. With a compact all-in-one design that minimizes cable clutter and keeps desktop clean and tidy. At the same time, extremely easy to install and use.

At a Glance

Key Features

All-in-one design
Compact all-in-one form factor takes up less space and minimizes cable clutter.

Integrated codec
Powerful codec with Intel i5 processor, enables HD video conferencing easily.

Ultra HD 4K image sensor
Support multiple resolutions, including 4K (Ultra HD),1080p (Full HD) and 720p (HD), to best support the quality offered by different applications and monitors.

108° wide field of view
Super wide field of view makes everyone can be seen in the room. No exception for positions near the camera or corners of the room.

4x lossless HD zoom
Lens close-up to lock particular paticipant or amplify documents for clarity demonstration and concentrate communication.

Digital pan/tilt
After the image is zoomed, expand your field of view even further—to pan to the white board or view other areas of interest.

2 microphone arrays and high quality speaker
Two beamforming microphone arrays with noise and echo cancellation, plus a built-in high quality speaker to make all the participants to hear and be heard clearly.

Expansion microphone is optional
The optional expansion microphone can be flexibly deployed for different configuration of rooms to increases conversational radius.

Support dual screen display
Two monitors connected at the same time, one for video screen, the other for content sharing, to make the video collaboration more professional and efficient.

Works with most video collaboration apps
Based on Windows 10 operating system, it is compatible with almost any video collaboration software applications based on Windows system, including the ones that you already use.

Dual band Wi-Fi
Support 2.4 GHz / 5 GHz dual band Wi-Fi connection. A stable wireless network connection brings smooth video conferencing experience.

Security lock slot
It is secure to put at public places with a security lock slot to enable lock equipment protection.

Specifications

Integrated Codec
• Windows 10 Pro
• Intel i5-7200U processor, 2.80 GHz
• RAM: 8GB, DDR4-2400
• ROM: 64GB SSD

Camera
• Resolutions: 4K@30fps, 1080p@30fps, 720p@30fps, 480p@30fps, 240p@30fps
• 12.35 MP image sensor
• 1/2.3" CMOS
• 4x digital zoom with ePTZ
• Horizontal field of view: 108°
• Vertical field of view: 70°
• Image output format: MJPEG, H.264 Baseline Profile / Main Profile / High Profile
• VCM continuous AutoFocus
• Auto exposure and white balance
• UVC 1.1 compatible

Microphone
• Built-in 2 beamforming microphone arrays
• 16ft / 5 meters voice pickup range
• Expansion microphone (optional)
• Acoustic echo cancellation
• Automatic noise reduction
• SSP, De-Reverberation, DRC

Speaker
• Built-in 1 high-quality speaker
• Frequency response:150 Hz to 9kHz
• Amplifier power: 4W
• Max output level SPL: 96 dB

Physical Interfaces
• 4 x USB 3.0
• 1 x HDMI output
• 1 x DP output
• 1 x line-in (3.5 mm)
• 1 x line-out (3.5 mm)
• 2 x 10/100/1000 Mbps Ethernet port
• 1 x DC port
• 1 x security lock slot

Network and Wireless Connection
• 10/100/1000 Mbps Ethernet
• 2.4 GHz/5 GHz dual band Wi-Fi
• Bluetooth 4.0

Other Physical Features
• Dimension (W.D.H): 726.5mm X 129.6mm X 88.5mm
• Power : 100 to 240 VAC, 50/60 Hz, 12V DC input
• Power consumption : max 60W
• Operating humidity: 10% to 90% relative humidity
• Operating temperature: 0°C to 40°C ambient temperature

Warranty Information
1-year limited hardware

Package Includes
• WeDoInnov HD9Pro all-in-one endpoint
• MIC TRIO expansion microphone (optional)
• HDMI cable
• DP-HDMI cable
• Power adapter
• User manual