

Neat Bar BYOD(NEATBAR-BYOD)

Neat Bar BYODMeeting room deviceBYOD mode enables easy connection with personal devices12 megapixel camera for clear videoFive integrated microphones provide audio captureMultiple built-in sensors enhance environmental monitoringSupports dual monitors for collaboration



The Neat Bar BYOD is designed to enhance the video conferencing experience, integrating technology to ensure clear audio and vivid video for any meeting. This device features a 12 megapixel camera and a 5-microphone array, allowing for clarity and detail. The built-in temperature, CO2, and air quality sensors contribute to a healthier meeting environment, while the 120° field of view captures everyone in the room. Additionally, the device supports dual monitor functionality, making it versatile for various workspace setups.

With a combination of wired and wireless connectivity options, including HDMI and USB-C interfaces, the Neat Bar BYOD adapts to any meeting room configuration. It features echo cancellation and noise suppression for clear communication and allows for BYOD mode, enabling seamless integration with personal devices. The automatic gain control and automatic people framing ensure an optimal experience for every participant, making it suitable for a range of business applications.

Key Selling Points

- 12 megapixel camera for clear video
- Five integrated microphones provide audio capture
- Multiple built-in sensors enhance environmental monitoring
- Supports dual monitors for collaboration
- BYOD mode enables easy connection with personal devices

Product Features

- Versatile connectivity options**
Equipped with both wired and wireless connections, including network, USB-C, and HDMI interfaces, this device integrates into any setup.
- Advanced audio capabilities**
The built-in 5-microphone array utilizes beamforming technology for focused audio pickup, ensuring that everyone's voice is heard clearly.
- Enhanced video performance**
The 12 megapixel camera features automatic white balance, color correction, and a 120° field of view for capturing all participants in the meeting.
- Environmental sensors**
Integrated sensors for temperature, CO2 levels, VOCs, and air quality monitor the meeting environment and promote health and safety.
- Features for seamless meetings**
Automatic people framing and dereverberation technology improve video clarity, while echo cancellation and noise suppression enhance audio quality.

Main Specifications

Product Description	Neat Bar BYOD
Device Type	Meeting room device
Dimensions (WxDxH)	55.6 cm x 7.6 cm x 7.6 cm
Weight	1.7 kg
Video Input	Digital video camera
Audio Input	5-microphone array - beamforming
Audio Output	Speaker(s)
Networking	Network adapter - Ethernet, Wi-Fi
Power	AC 100-240 V (50/60 Hz)
Manufacturer Warranty	1-year warranty

Extended Specification

General

Device Type	Meeting room device
Width	55.6 cm
Depth	7.6 cm
Height	7.6 cm
Weight	1.7 kg
Built-in Devices	Ambient light sensor, air quality sensor, accelerometer, temperature sensor, CO2 sensor, VOC sensor, speaker, 5 microphone array, 12 megapixel camera

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	35 °C
Humidity Range Operating	10 - 90% RH

Dimensions & Weight (Shipping)

Shipping Width	73.7 cm
Shipping Depth	28 cm
Shipping Height	30.5 cm
Shipping Weight	8.2 kg

Power

Power Device	Power supply - internal
Voltage Required	AC 100-240 V (50/60 Hz)

Video Input

Type	Digital video camera - integrated
Digital Video Capture Resolution	4056 x 3040
Digital Zoom	4
Features	120° field of view (horizontal), 12 megapixels resolution, automatic people framing, image distortion correction, chromatic aberration correction, auto white balance, auto colour correction, hardware accelerated video decode, hardware accelerated video encode, dereverberation

Audio Output

Type	Speaker(s)
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Networking

Type	Network adapter
Connectivity Technology	Wireless, wired
Data Link Protocol	Ethernet, Wi-Fi
Features	BYOD mode, dual monitor support, security slot (Kensington security lock compatible), secure boot, echo cancellation, noise suppression, automatic gain control (AGC)

Audio Input

Type	5-microphone array - integrated
Microphone Operation Mode	Beamforming

Manufacturer Warranty

Service & Support	Limited warranty - 1 year Return - 30 days
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Expansion / Connectivity

Interfaces	1 x audio / video - HDMI input - 19 pin HDMI Type A 2 x audio / video - HDMI output - 19 pin HDMI Type A 1 x USB-C - 24 pin USB-C 1 x network - Ethernet - RJ-45
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Miscellaneous

Cables Included	1 x HDMI cable - 2 m 1 x network cable - 3 m 1 x power cable - 3 m
Included Accessories	Mount adapter, wall mount, screen mount, table stand, snap-on mount, 8 M6 screw (24mm), 8 M8 screw (24mm), 6 spacers, hex wrench (2mm), hex wrench (5mm)

Software / System Requirements

Software Included	Neat Pulse
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