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Product Specification Sheet

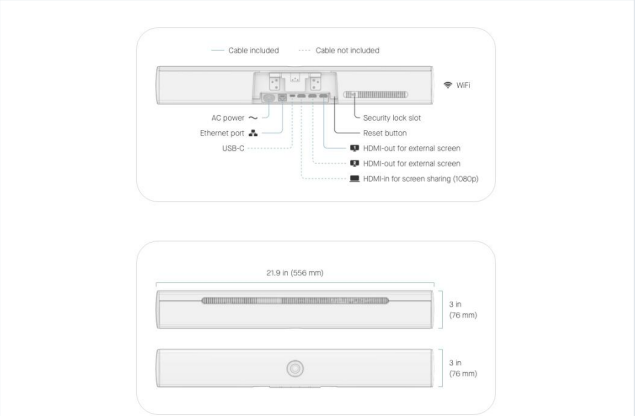
NEATBAR-BYOD

Neat BYOD Bar - All-in-One Video device for Zoom / BYOD

Product Overview

Neat BYOD Bar - All-in-One Video device for Zoom / BYOD Ideal for Small to Medium Rooms up to 10 people within 5m, Features a 12MP camera 120 degrees FOV, 8x Digital Zoom, Auto-Framing, 5 mics, Opposing drivers, Mounting Hardware included, NEATBAR-BYOD





Specifications

Overview Summary:

The Neat Bar BYOD is a compact, all-in-one video conferencing solution designed for small to medium meeting rooms. With a powerful 12MP wide-angle camera, intelligent auto-framing, and a five-microphone array, it delivers clear visuals and high-quality audio for professional meetings. Its simple BYOD functionality allows you to connect your laptop via USB-C or HDMI, making it easy to run meetings on your preferred platform without complex setup.

Built for flexibility and ease of use, the Neat Bar adapts automatically to room conditions, ensuring optimal performance in different lighting and sound environments. Whether you're hosting team meetings or client calls, this device provides a seamless collaboration experience. Shop now to upgrade your meeting space with a reliable, high-performance video conferencing solution.

Performance tier: High-end

Uses:video conferencing, hybrid meetings, office collaboration, Zoom calls, Microsoft Teams meetings, boardroom presentations

Overview:

Neat Bar BYOD Video Collaboration Device for Modern Meeting Rooms
Neat Bar delivers a streamlined and highly capable video conferencing experience for small to medium meeting spaces. Designed for rooms with up to 10 participants within a 5 meter range, this all-in-one device combines advanced audio and video performance with flexible bring your own device functionality. Whether connecting through a laptop or integrating with existing setups, it enables efficient, high-quality meetings without unnecessary complexity. Its intelligent automation continuously adjusts to room conditions, ensuring consistent clarity and engagement.

Description:

The Neat Bar BYOD is a compact yet powerful video collaboration solution built for flexibility and ease of use. It integrates a high resolution 12MP camera with a wide 120 degree field of view, multiple microphones, and advanced audio processing to deliver clear communication in any meeting scenario. With simple connectivity options and intelligent framing, it enhances remote collaboration while reducing setup friction. Ideal for hybrid work environments, it supports seamless content sharing, adaptive audio and video performance, and centralized management through cloud-based tools.

Features:

Flexible BYOD Connectivity for Any Setup
Neat Bar is designed to work around your workflow rather than forcing change. It supports multiple connection methods, making it simple to join meetings from virtually any platform using your laptop.

- Single cable connection via USB-C hub for quick setup
- HDMI and USB-C combination for expanded compatibility
- Direct connection through monitors with built-in USB-C hubs
- Seamless integration with personal devices for familiar meeting control

This flexibility ensures consistent usability across different meeting rooms and user preferences.

Optimized Meeting Experience with Intelligent Technology
The device uses machine learning to continuously adapt to its environment. It automatically adjusts based on lighting, sound conditions, and participant positioning to deliver a balanced and professional meeting experience.

- Auto-framing keeps participants centered
- Noise suppression and echo cancellation improve clarity
- Automatic gain control balances levels
- Environmental sensors adjust performance dynamically

This results in meetings that feel natural, with minimal manual intervention.

Compact Design with High Performance Components
Despite its compact form factor, the Neat Bar integrates powerful hardware designed for professional-grade collaboration.

Key capabilities include:

- 12MP camera with 120 degree field of view
- Up to 8x digital zoom capability
- Advanced image correction and noise reduction
- Five microphone array with beamforming
- Opposing audio drivers for vibration cancellation

The design allows flexible mounting above or below displays, maintaining optimal eye contact and alignment.

Effortless Content Sharing and Collaboration
Sharing content is straightforward and intuitive. Users can quickly present from their own devices without needing complex configurations.

- Direct laptop connection for instant sharing
- Compatible with multiple meeting platforms
- Smooth switching between participants and content
- Consistent experience across hybrid teams

This reduces friction during meetings and supports more productive collaboration.

Centralized Control and Scalable Deployment
For organizations managing multiple rooms, Neat Bar offers centralized control through cloud-based management.

- Configure and manage multiple devices remotely
- Apply consistent settings across deployments
- Monitor room usage and environmental data
- Control software updates and system performance

This makes it suitable for scaling across offices while maintaining uniform performance.

Core Technical Details
Important specifications are summarized below for quick reference:

- Camera resolution: 4056 x 3040 (12MP)
- Field of view: 120 degrees horizontal
- Microphones: 5-mic array with beamforming
- Audio processing: echo cancellation, noise suppression, dereverberation
- Connectivity: WiFi, Ethernet, Bluetooth, USB-C, HDMI
- Dual screen support with HDMI output
- Sensors: light, temperature, humidity, CO2, VOC

Physical and Power Information

- Dimensions: 556 mm width, 76 mm height, 76 mm depth
- Weight: 1.7 kg
- Power input: 100 to 240V AC
- Power usage: approximately 3.5W idle, 10 to 11W in use

Included Components and Setup Requirements
The package includes mounting hardware and essential accessories for various installation scenarios.

- Wall mount, screen mount, table stand, and snap-on mount
- HDMI and Ethernet cables
- Power cable and mounting screws for single or dual screen setups

To get started, users will need:

- Internet connection
- Compatible display (1080p or higher)
- USB-C and HDMI cables for laptop connection

Product Identification
Part Number / SKU: NEATBAR-BYOD

This identifier should be referenced when ordering or integrating into procurement systems.

Specifications:

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Specifications	
Product Code	NEATBAR-BYOD

General	Camera LED
	System LED
	Accelerometer
	Ambient light sensor
	Table stand, wall mount and screen mount
	Dual screen support
	Security lock slot (Kensington compatible)
	Secure boot
	BYOD mode (USB passthrough)
	Native support for Zoom Rooms
	Native support for Microsoft Teams Rooms on Android
	Sensors for temperature, humidity, CO2 and VOC
Audio	Speakerbox for maximal tonal range with minimal distortion
	Opposing drivers for vibration cancellation
	Dedicated wide-angle ultrasonic tweeter
	3 sensor mics
	5 microphones angled in an end-fire array
	Hardware accelerated audio processing
	Beamforming
	Echo cancellation
	Noise suppression
	Automatic gain control
	Dereverberation
Video	4x digital zoom (optional 8x digital zoom)
	4056 x 3040 (12 MP) capture resolution
	120 degrees horizontal field of view
	Automatic people framing
	Hardware accelerated video encode and decode
	Distortion correction
	Noise reduction
	Chromatic aberration correction
	Automatic white balance and color correction

Electrical and environmental requirements	100-240V ~ 50/60Hz 0.5A
	Ambient operating temperature:
	32degrees to 95degrees F
	(0degrees to 35degrees C)
	Storage temperature:
	-4degrees to 140degrees F
	(-20degrees to 60degrees C)
	Relative humidity:
	10% to 90%
	Built-in power supply
Power consumption	Idle: 3,5W
	In call: 10-11W
Networking and ports	WiFi
	Bluetooth for proximity join in Microsoft Teams
	AC Power (internal power supply)
	Ethernet
	2 x HDMI-out
	HDMI-in for screen sharing
	USB-C for BYOD mode (USB passthrough)
	or input when connected to a touch screen
Size and weight	Width: 21.9 inches (556 mm)
	Height: 3 inches (76 mm)
	Depth: 3 inches (76 mm)
	Weight: 3.75 pounds (1.7 kg)
	In the box

Neat Bar	HDMI cable (6.5 feet / 2 meters)
	Ethernet cable (9.8 feet / 3 meters)
	Power cord (9.8 feet / 3 meters)
	Mount adapter, wall mount, screen mount, table stand, and snap-on mount
	4 x M6 screw (0.94 inches / 24mm) for VESA mount
	4 x M8 screw (0.94 inches / 24mm) for VESA mount for two screen setup
	2 x spacer to secure parallel TV mount
	2 mm hex wrench
	5 mm hex wrench
	1 additional screw bag for dual screen setup
	4 x M8 screw (0.94 in / 24 mm) for VESA mount
	4 x M6 screw (0.94 in / 24 mm) for VESA mount
	4 x spacer (to secure alignment of all screens)
What you need	Internet connection
	USB-C and HDMI cable for laptop connection
	Display (16:9 aspect ratio) with 1080p resolution or better
	Neat Pulse account (enrollment code required for activation)
Box weights and dimensions	Neat Bar
	18 pounds / 8.2 kg

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/NEATBAR-BYOD-Neat-BYOD-Bar-All-in-One-Video-device-for-Zoom-BYOD-p-336992.php

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