neat.bar pro

Go up a notch.

Neat Bar Pro packs a stack of tech into a simple and elegant device. Capable of driving three large screens, it allows you to enjoy an incredibly immersive higher-quality people and content experience throughout any Zoom or Microsoft Teams meeting space. Neat Bar Pro is especially ideal for large meeting spaces. It incorporates two extreme resolution cameras and an advanced image depth sensor that combined deliver 16x zoom, so you're able to see everyone in full close-up, no matter where they are in the room.

Restore symmetry.

This unique functionality brilliantly restores symmetry between the people in the room and those remote by creating a more human connection and enabling video meetings to feel almost as real as meeting face-to-face. Whereas before this was a broken link in video conferencing, Neat Symmetry enables your remote colleagues to see the rest of the team in the meeting room individually up close on their screens like never before.

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Additionally, it instinctively frames and tracks each in-room participant, meaning people can stand up to stretch or move around for better wellbeing while remaining engaged. As a result, they stay more energized, focused, and productive for longer.

Look, feel and be at your best

With its perfectly placed high-resolution wide-angle camera, Neat Frame guarantees direct eye-level communication for more natural and immersive interaction. Besides that, its bright digital display provides crystal clear imagery in a wide variety of settings, so you can rest assured the device will always present you and others in beautiful and elaborate detail. As a result, Neat Frame offers you the opportunity to always look, feel and be at your best, however or wherever you choose to meet or interact. At the same time, it gives you an optimized layout of people and content with touch control, bringing both to the forefront by filling more of the screen and reducing any wasted black areas.

Clearer audio, fewer distractions

Neat Bar Pro has a multiple microphone array for clearer audio pick-up in large rooms and three full-range speakers that produce superb stereophonic sound that fills the room. Plus, Neat Bubble enables you to block out any unwanted distractions outside of the camera view, further keeping you sharp and alert. Essentially, what you see is what you hear. At the same time, Neat Boundary enables you to set the width and depth of your meeting space to avoid the camera accidentally detecting, auto-framing and tracking anyone not involved in your video call. So, if you're in an office with glass walls and someone outside walks past or people are standing around, the camera ignores their presence. Likewise, if you're in an open-plan office, the device won't be confused by other activities happening around you. Instead, you can create a virtually closed-off zone.

Simple set-up.

Everything you need is in the box, including a screen mount, making it easy for anyone to install and set up. Just plug in the two cables, and Neat Bar Pro automatically pairs with Neat Pad, our dynamic controller and scheduler, which comes as a package with Neat Bar Pro. Both Neat Bar Pro and Neat Pad can be connected wired or wirelessly to your network, so you can seamlessly share audio and visual content wirelessly or via an HDMI cable. In the future, Neat Bar Pro will be audio extensible, too, giving you the option of connecting it to any of your existing ceiling mics and speaker systems. Finally, if you wish, you can deploy extra Neat Pad controllers throughout large rooms, empowering additional people to start a meeting, tap mute and more, or add Neat Pad schedulers to cover all entrances as well.

Safer meeting rooms

As with all Neat devices, Neat Bar Pro empowers companies to offer their employees significant health benefits. In today's hybrid working environment of having to take ever-increasing safety measures, that can be a massive relief. So, Neat Bar Pro incorporates Neat Sense, a capability that helps you control and monitor air quality, humidity (healthy indoor humidity levels are between 30-50%. Flu viruses can quickly spread due to poor indoor humidity), CO_2 and organic chemical levels in the room – scents, odors, etc. Furthermore, it enables you to see whether there are people in a room and, if so, how many. That way, you can be sure of always maintaining correct social distancing.

Fully managed and supported.

Neat removes complexities and threats thanks to our secure, single-purpose hardware devices. Hence, no stressing about passwords and patches. Plus, you can install all the latest upgrades with just one click.

70° to 113°	50 MP	16x
Horizontal field of view	Capture resolution	Digital zoom
16 mic array	Opposing drivers	3 — Full-range speakers
Triple screen support	WiFi	Sensors — Depth, wakeup, light, orientation, temperature, humidity and air quality

Neat Bar Pro

Pro 100 MP camera system with wide and tele cameras
Wide camera: 50 MP, f/2.8 aperture, 113° horizontal field of view
Tele camera: 50 MP, f/1.8 aperture, 70° horizontal field of view
Hybrid zoom up to 16x
Hardware accelerated video encode and decode
Distortion correction
Noise reduction
Chromatic aberration correction
Automatic white balance and color correction
People video resolution: Up to 1080p / 30
Content video resolution: 720p / 60, 1080p / 30

Speakerbox for maximal tonal range with minimal distortion
3 full-range speakers ready for directional and stereo sound
Woofers with two opposing drivers for vibration cancellation
4 tracking mics
16 microphones beamforming arrays
Hardware accelerated audio processing
Echo cancellation
Noise suppression
Automatic gain control
Dereverberation

Built-in power supply
100 - 240 V AC, 50 Hz to 60 Hz
Ambient operating temperature: 32° to 95° F (0° to 35° C)
Storage temperature: 5° to 149° F (-15° to 65° C)
Relative humidity: 20% to 80%

Wakeup sensor (radar)
Depth sensor (time-of-flight VGA 60° FOV)
Orientation sensor (accelerometer)
Ambient light sensor
Temperature sensor
Humidity sensor
Air quality sensor
Camera LED
System LED
Tripod mount compatible (1/4-20 UNC threads)
Table stand, wall mount and screen mount

Secure boot
Security lock slot
Communications are established with 256-bit TLS encryption
Shared content is encrypted with AES-256 encryption
The Zoom Rooms app is secured with App Lock Code
As a native Zoom device Neat Bar supports all Zoom signaling and media encryption protocols.

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