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.

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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.

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.

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 Audio incorporates advanced audio processing that enhances human vocal pickup and removes distracting noises like a fan or air conditioning.

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.

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.

Simple set-up.

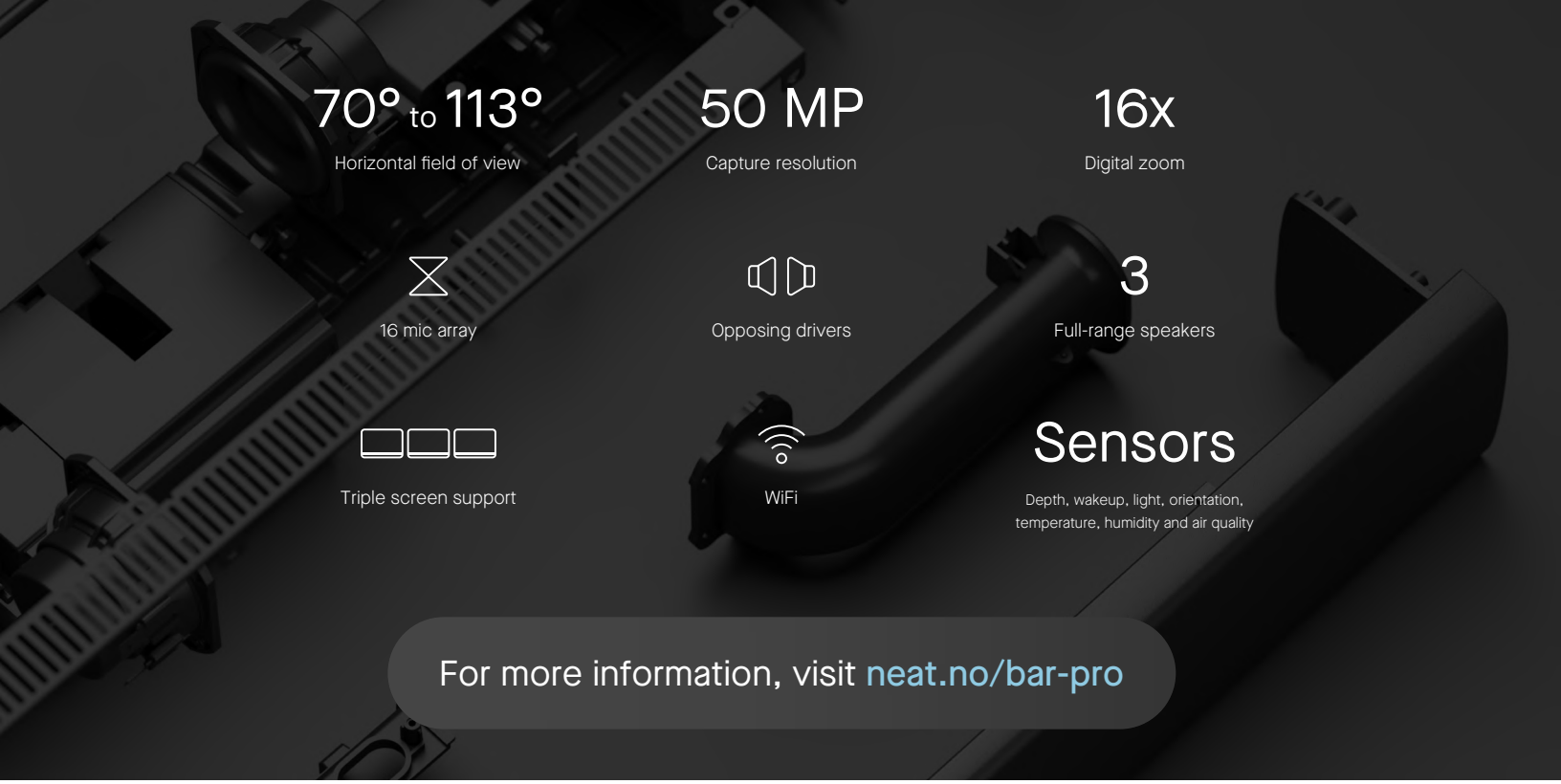
Everything you need is in the box, including a screen mount, making it easy for anyone to install and set up. Just plug in the two cables, and Neat Bar Pro automatically pairs with Neat Pad, our dynamic controller and scheduler. Both Neat Bar Pro and Neat Pad can be connected wired or wirelessly to your 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), CO2 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.



Neat Bar Pro

* Feature not yet supported by Microsoft Teams

General

Wakeup sensor (radar)
Depth sensor (time-of-flight VGA 60° FOV)
Orientation sensor (accelerometer)
Ambient light sensor
Sensors for temperature, humidity, and air quality (*)
Camera LED
System LED
Tripod mount compatible (1/4-20 UNC threads)
Table stand, wall mount and screen mount
Triple screen support (*)
Security lock slot (Kensington compatible)
Secure boot
Zoom Certified
Certified for Microsoft Teams

Video

Pro 100 MP camera system with wide and tele cameras
Wide camera: 50 MP, ƒ/2.8 aperture, 113° horizontal FOV
Tele camera: 50 MP, ƒ/1.8 aperture, 70° horizontal FOV
Hybrid zoom up to 16x
Hardware accelerated video encode and decode
Automatic people framing
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

Audio

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 in a beamforming array
Hardware accelerated audio processing
Full range transducer with ultrasonic proximity support
Echo cancellation
Noise suppression
Automatic gain control
Dereverberation

Electrical and environmental requirements

Built-in power supply
100-240V ~ 50/60Hz 1.2A
Ambient operating temperature: 32° to 95° F (0° to 35° C)
Storage temperature: -4° to 140° F (-20° to 60° C)
Relative humidity: 10% to 90%

Neat Pad

Neat Bar Pro requires a Neat Pad for setup and room control
For more information on Neat Pad, visit neat.no/pad

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