

The power of simple.



Neat Bar Generation 2 is a simple yet highly capable video device that delivers next-level audio and video quality to Zoom or Microsoft Teams meeting spaces. It's ideal for small to medium-sized meeting spaces, seamlessly blending in with any interior style, and pairs with our dynamic touch-screen Neat Pad to control your meetings.

Exceptional video quality.

The wide angle and highly dynamic 50MP camera captures the entire meeting space and can zoom in on, frame, and follow multiple people at once. Lightning-fast video processing ensures everyone is seen in the same proportion, regardless of where they are in the camera angle, and supports dynamic shifting between group and focused participant views.

Crystal-clear audio.

With a five-microphone end-fire array, four voice localization tracking mics, and advanced algorithms for voice enhancement, echo cancellation, deep noise suppression, and dereverberation, Neat Bar 2 both reduces unwanted noise and preserves spatial cues and intelligible speech. The result is a more natural flow of conversation. Neat Bar 2 also features a voice-optimized sound system. Dual speakers with opposing drivers cancel out vibration, maximises tonal range, and deliver minimal distortion so that team members hear each other's voices as naturally as possible.

Valuable insights and control.

Neat Bar 2 provides real-time sensors that track the number of people in a room and lighting. It pairs with Neat Pad for room control. Neat Pad provides real-time sensors for air quality, temperature and humidity. All this data is accessible to IT administrators from Neat Pulse platform where Neat Bar 2 is managed and monitored in a centralized and secure way.

Elegant, slim design.

Behind its streamlined appearance, Neat Bar 2 incorporates a well-crafted arrangement of microphones, speakers, a camera, sensors, power supply, and processing. It reliably handles all your meeting space needs without the complexity or clutter of running cables across the room. Neat Bar 2 can be placed on a table, above or below one or two monitors, or wall mounted, and slides right into first generation Neat Bar mounts. Neat Bar works with Neat Pad, our dynamic touch-screen meeting controller for simple setup and room control. Carefully designed technology components enable a slender profile that suitably fits thin screens. Neat Bar 2 drives up to two 4k screens.

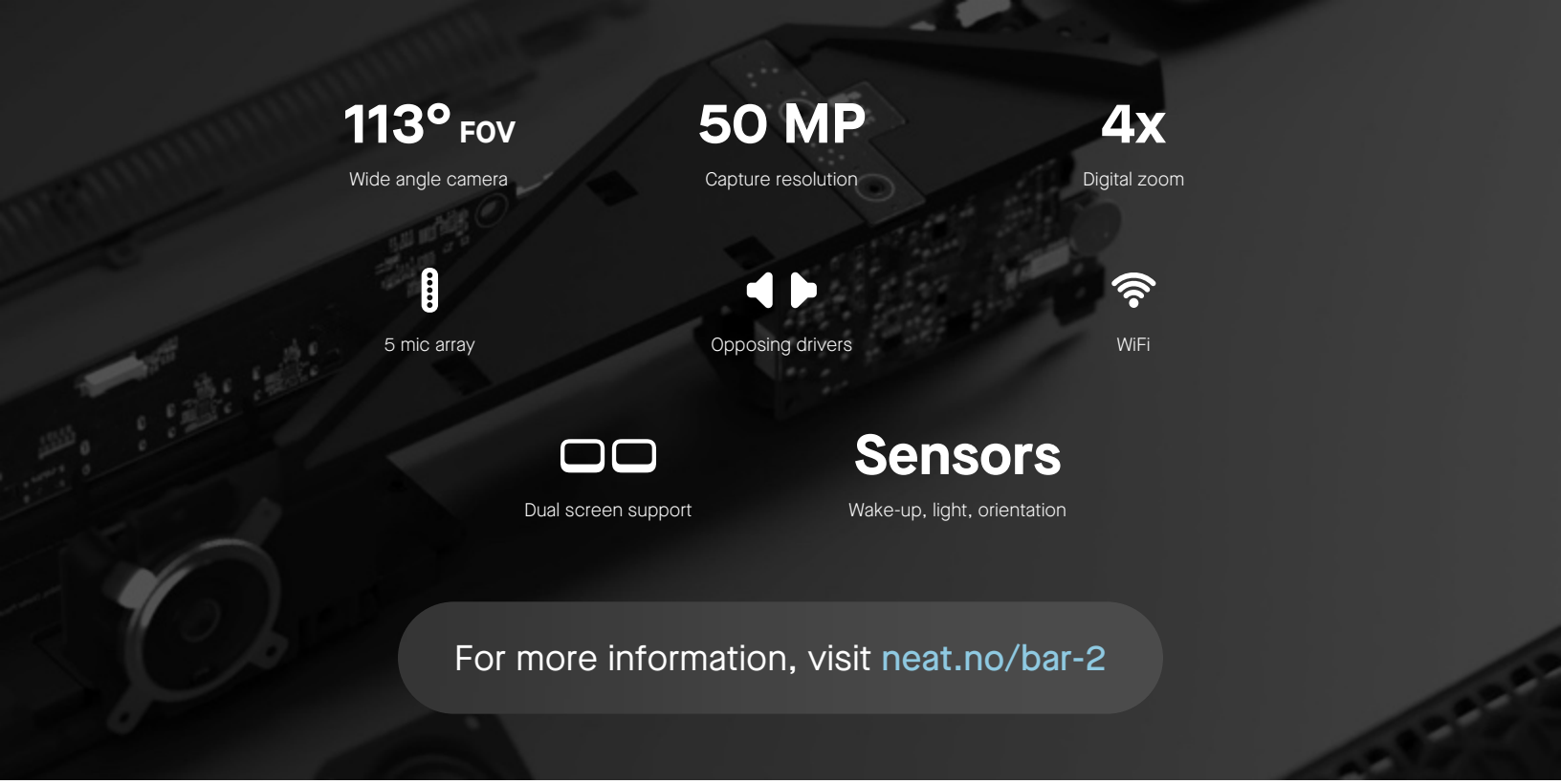
Intelligent and engaging meetings.

Neat Bar 2 uses machine learning algorithms that continuously learn and adapt to a room’s acoustics and noises, light conditions, layout, and people movement for more intuitive, natural meeting experiences.

Intuitive sharing and BYOD.

Neat Bar 2 provides simple wireless sharing and proximity join for Microsoft Teams or Zoom. With Neat Bar 2, you can also share with an HDMI cable or USB-C, especially useful for heavy media files and visitors without WiFi access. USB-C can serve as a single cable BYOD to connect to other video meeting services as well.

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Neat Bar Generation 2

General

Camera LED
System LED
Orientation sensor (accelerometer)
Ambient light sensor
Tripod mount compatible (1/4-20 UNC threads)
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
Table stand, wall mount and snap-on mount

Video

4x digital zoom
Fixed lens, infinite focus
Wide camera: 50 MP, ƒ/2.8 aperture, 113° horizontal FOV
Distortion correction
Noise reduction
Chromatic aberration correction
Automatic white balance and color correction
Automatic people framing
Hardware accelerated video encode and decode
People video resolution: Up to 1080p / 30
Content video resolution: 720p / 60, 1080p / 30

Audio

Speakerbox for maximal tonal range with minimal distortion
Opposing full range drivers for vibration cancellation
Ultrasonic support for wireless content sharing
5 microphones angled in an end-fire array
4 tracking mics
Hardware accelerated audio processing
Echo cancellation
Noise suppression
Automatic gain control
Dereverberation

Electrical and environmental requirements

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%
Built-in power supply 100-240V ~ 50/60Hz 0.5A
Network standby: <8W (after 20 minutes)

Neat Pad

Neat Bar pairs with Neat Pad for setup and room control
For more information on Neat Pad, visit neat.no/pad

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