

# 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 Microsoft Teams Rooms. 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.

# neat.

# 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 voiceoptimized 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, compact design.

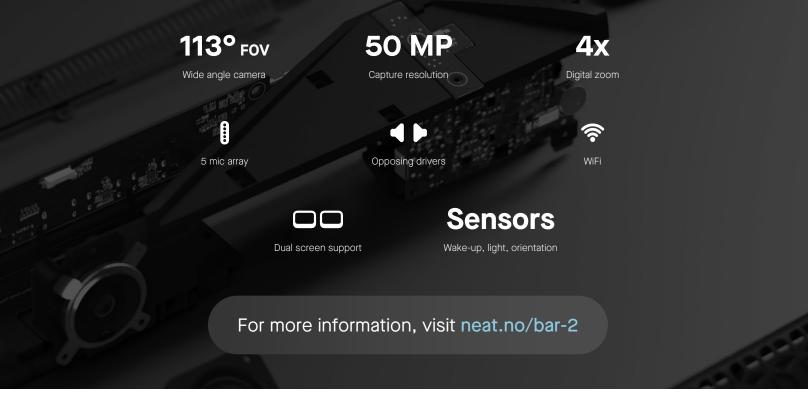
Neat Bar 2 incorporates a sophisticated, purpose-built pack of microphones, speakers, camera, sensors, power supply, and processing behind its compact appearance. Neat Bar 2 can be placed on a table, above or below one or two monitors, or wall mounted, and slides right into first generation Neat Bar mounts. It comes with Neat Pad, our dynamic touch-screen meeting controller. Carefully designed technology components make possible a strikingly slim profile that fits even the slimmest 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. 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.



# 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) Table stand, wall mount and snap-on mount Screen mount (optional add-on available) Certified for Microsoft Teams

### Video

4x digital zoom Fixed lens, infinite focus Wide camera: 50 MP, *f*/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 fps Content video resolution: 720p / 60 fps, 1080p / 30 fps

### 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** 

