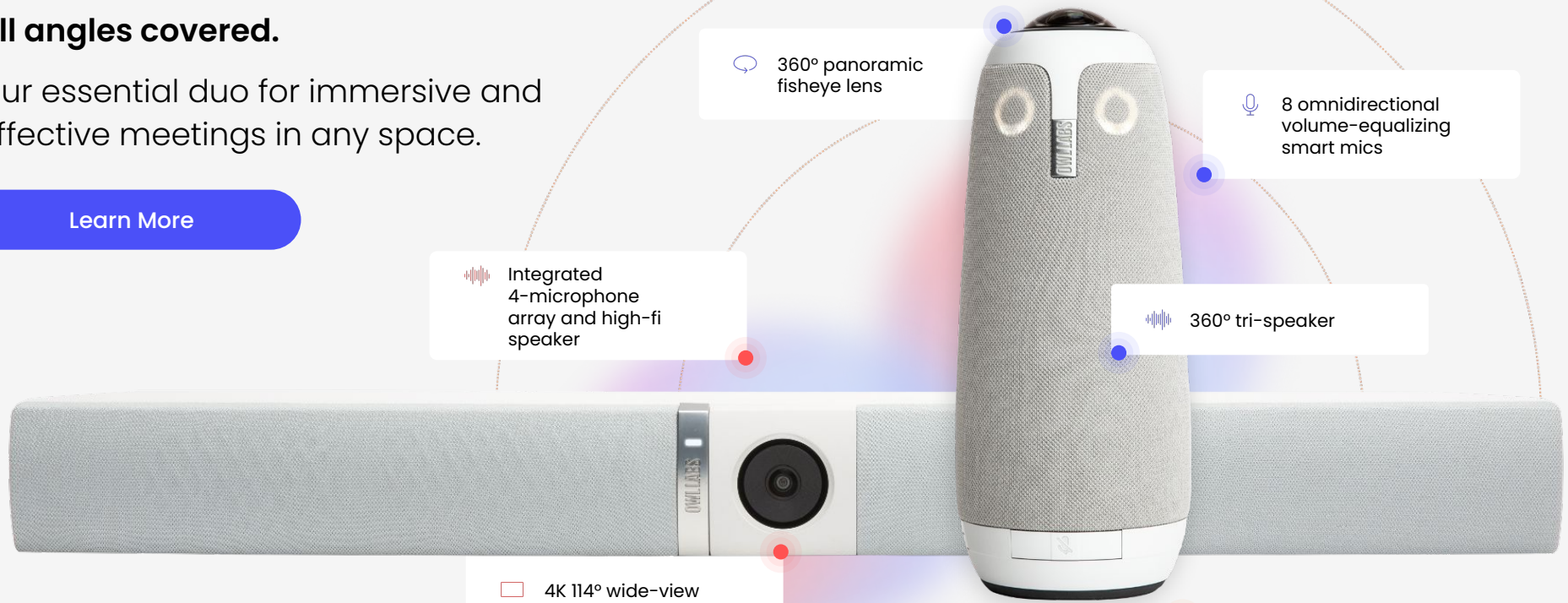
OWL LABS

Meeting Owl 3 + Owl Bar

Two smart cameras.
All angles covered.

Our essential duo for immersive and effective meetings in any space.

Learn More



The Meeting Owl 3 + Owl Bar is the first AI-powered multi-camera meeting experience that wirelessly connects a 4K front-of-room video bar with a 360-degree center-of-room device to enable more natural and effective hybrid collaboration by capturing the room from front and center.

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More natural and effective hybrid collaboration

Our multi-camera video conferencing solution captures the room from front and center to frame in-room speakers head-on for more effective hybrid collaboration.

IN ROOM EXPERIENCE

Optional Whiteboard Owl pairing for hybrid brainstorms

Wireless device pairing

REMOTE VIEW

360-degree view of the room

Intelligent speaker-framing and auto-focus

Seamless automatic camera-switching

The first AI-powered multi-camera meeting experience in-market

Learn More

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Owl Bar Specifications

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OVERVIEW

General

Built-in components: 4 beamforming microphones, digital pan-tilt-zoom camera, 1 speaker, The Nest device management platform. Table stand/wall mounting included.

Enclosure: All-in-one enclosure with integrated table stand/wall mount

Device Management: The Nest

Displays Supported: 2

Display Resolution: Up to 4K

Processor: Qualcomm 8250

Usage

Owl Intelligence System™: Powered by the OIS™ using AI computer vision and movement and voice cues to automatically focus on active speakers

Wireless Pairing: Wireless pairing with the Meeting Owl and the Whiteboard Owl supported

Speaker Framing: Automatic digital PTZ to correctly frame in-room participants based on where they're seated

Camera Switching: Intelligent camera switching between the Owl Bar and the Meeting Owl to show the best view of the room for remote participants

Certifications & Compatibility

Device Pairing: Wirelessly pairs with one Meeting Owl (3 or Pro), or one Meeting Owl and one Whiteboard Owl, in the same meeting space

VC Platforms: All web-based video conferencing platforms, including Zoom, Microsoft Teams, Google Meet, Slack, and others

VC Certifications: Microsoft Teams and Zoom certifications coming by end of 2023

USB Mode: Plug and Play to work with host or in-room computer

TECHNICAL SPECIFICATIONS

Camera

Resolution: 4K

Camera: 30 MP

Horizontal FOV: 114°

Vertical FOV: 73°

Speakers & Microphones

Pickup Range: 18ft / 5.5m

Beamforming Elements: 4 omnidirectional microphones

Add-on Mics: Option to connect one Expansion Mic when paired with Meeting Owl 3

Speakers: 1 high-fidelity speaker

Audio Processing & Noise Suppression: OIS

Output: 82 dBSPL at 1m

Interfaces & Power

HDMI Out (#): 2*

HDMI In (#): 1*

USB Type: USB 3.0: 1x Type C, 1x Type A

Network: 10/100/1000 Ethernet; 2.4GHz and 5.0 GHz WiFi

** Reserved for future use*

MANAGEMENT

Setup & What's in the Box

What's in the box:

- Owl Bar
- USB cable
- Table / Wall Mount
- Mounting hardware
- Power supply
- DC Cable
- AC Cable
- User documentation

Mounting Options:

- Included mounting hardware enables tabletop setup or wall mounting
- Option to purchase Owl Bar TV Mount for hanging below in-room TV

Environmental

Operating Temperature: 32° to 95° F (0° to 35° C)

Storage Temperature: -4° to 140° F (-20° to 60° C)

Humidity: 10% to 90%

Operating Voltage/Power: 19V

Security & Warranty

Secure Boot Processes enabled

Communication Ports: Locked down; only allowed to communicate with secure protocols

Owl Labs security details

Standard: 2-year limited hardware warranty included

Owl Care: 3-year limited hardware warranty, white glove onboarding support, and one no-questions-asked device replacement

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OWL LABS®

Next generation

MEETING OWL 3

Meet the Meeting Owl® 3 device, our premium 360° camera, mic, and speaker that creates the most immersive meeting experience for hybrid teams.

KEY BENEFITS

- See and hear everything with 360° in-room video and audio and the upgraded Owl Intelligence System (OIS™) that uses computer vision to automatically focus on whoever is speaking
- Eliminates friction with a plug and play meeting setup and start to support most video conferencing platforms including, including Zoom, Microsoft Teams and Google Meet
- WiFi-enabled to get smarter over time through continuous software innovations and feature launches to the Owl Intelligence System
- Connect to a second Meeting Owl through Owl Connect or to an Expansion Mic to support meetings in larger spaces
- Pairs with our collaborative room solutions: the Whiteboard Owl, the Meeting HQ.

DIFFERENTIATORS

- Meet faster: From unboxing to your first meeting in 6+ minutes
- Effortless updates: Gets smarter with OTA updates in 2 minutes flat
- Adaptable tech: Expands to spaces up to 28 ft with two Meeting Owls
- Better meetings: Quicker and smoother speaker transitions with speaker detection in 3 seconds or less

LOVED BY

100K+ organizations globally

2K+ schools, universities, and educational institutions

84 out of 100 of the Fortune 100

HOOTS AND HOLLERS

FAST COMPANY WORLD CHANGING IDEAS 2021

TIME BEST INVENTIONS 2020

CES INNOVATION AWARDS 2020 HONOREE

reddot winner 2020

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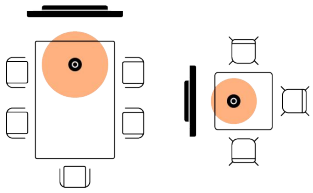
Meeting Owl experience

Typical front-of-room camera experience

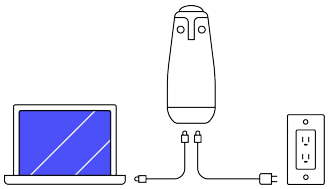
Meeting room setup made simple

1



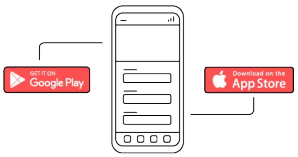
Place your Owl on a table or desk.

2



Plug in power. Connect USB-C to an in-room computer or laptop.

3



Download the Meeting Owl App for desktop, mobile, or tablet and set up your Owl.

4

In your video conferencing platform, choose Meeting Owl for audio and video.

FEATURED IN

The New York Times · WIRED · FAST COMPANY · Forbes · INSIDER · WSJ · The Boston Globe · TechCrunch · USA TODAY

> “The Meeting Owl has completely transformed our ability to work well across our team and our organization.”
>
> — **RORY SUTHERLAND, VICE CHAIRMAN, OGILVY**

READ CASE STUDY ↗

Learn More

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Meeting Owl® 3 Specifications

OWL LABS®

Camera

Single custom-designed 360° panoramic fisheye camera to eliminate image distortion

Camera view shows optional 360° panoramic view of the room and face-to-face view that auto-focuses on whoever is speaking

Output Resolution: 1080p HD
Video Pickup Radius: 10′ (3m)
Field of View: 360°

Microphone

8 omni-directional beamforming Smart Mics

Smart Mics equalize speaker volume to amplify quiet voices

Audio Pickup Radius: 18′ (5.5m)

Ability to pair two Meeting Owls with **Owl Connect** to expand video and audio range by 8′ (2.5m) in any direction

Speaker

Three built-in speakers for 360° coverage and clear in-room sound

Speaker Output Level: 80 db SPL

Connection

Plug and play connection to host computer via USB-C

Option to connect to the Meeting HQ for one-touch meeting start (with adapter)

Option to connect to the Whiteboard Owl via Bluetooth

Option to connect to the Expansion Mic via micro-HDMI

Processing Power

Qualcomm® Snapdragon™ 605 processor

Dimensions

Dimensions: 4.4″ W x 4.4″ D x 10.72″ H (111mm W x 111mm D x 272mm H)

Weight: 2.61lb (1.2kg)

Power Supply

AC Input: 100-240V

Line cord: Specific to region

Warranty

2-year warranty (Option to extend warranty to 3 years with Owl Care)

USAGE

Software

AI-powered Owl Intelligence System™ to intelligently focus on whoever is speaking

Intelligently autofocuses on the active speaker using vision, voice, and motion

Options for presenter enhancement, digital whiteboarding capabilities, and different camera controls to customize your meeting experience

Ability to pair two Meeting Owl 3s or Pros using Owl Connect to expand video and audio coverage in larger rooms

Compatibility

Plug and play connection to host computer via USB-C

Works with Zoom, Microsoft Teams, Skype for Business, Slack, Webex, and many more

Compatible with virtually all web-based video conferencing platforms

Extend range by pairing with another Meeting Owl (Pro or 3) or add on Expansion Mic

Works with the Meeting HQ* and the Whiteboard Owl

Management

Meeting Owl App:
- Mobile: iOS and Android
- Tablet: iPad
- Desktop: Mac and Windows

Required for first-time setup and adjusting settings during meetings

The Nest: Manage your fleet of Owls through our web-based portal

Security

Meeting Owl 3 does not record any video or audio content

Video and audio are streamed to the host computer via USB-C connection

Option to secure the Meeting Owl 3 with Lock Adapter

Full security and privacy details

*Adapter required

SETUP

What's Included

Meeting Owl 3

Power adapter and line cord

USB-C to USB-C cable

Setup Guide

Table Card + Owl holder

Setup

Placement: 3′ (1m) from the in-room TV or monitor and within 18′ (5.5m) of in-room participants

Setup Options: Center of the table, tripod-mounted, or ceiling-mounted

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OWL LABS®

WHITEBOARD OWL

Bring remote participants into the discussion with the Whiteboard Owl™ camera, our dedicated whiteboard camera that live-streams and enhances content for better engagement and participation for all.

KEY BENEFITS

- Delivers more inclusive and collaborative hybrid meetings and classes by leveraging your in-room whiteboard
- Enhances whiteboard visibility and makes presenter transparent for remote participants with Whiteboard Enhance, which ensures writing can always be viewed
- Makes meetings and classes run seamlessly with included magnetic tags to quickly switch between the Meeting Owl and the Whiteboard Owl
- Automatically captures whiteboard content to share with participants so collaboration can continue when the meeting is over

REQUIREMENTS

1. Meeting Owl Pro or 3
2. In-room non-glass whiteboard and markers
3. Computer or Meeting HQ

Supports whiteboard enhancement, automatic whiteboard content capture, and ongoing computer vision software enhancements

Learn More

Pairs with Meeting Owl (Pro or 3)

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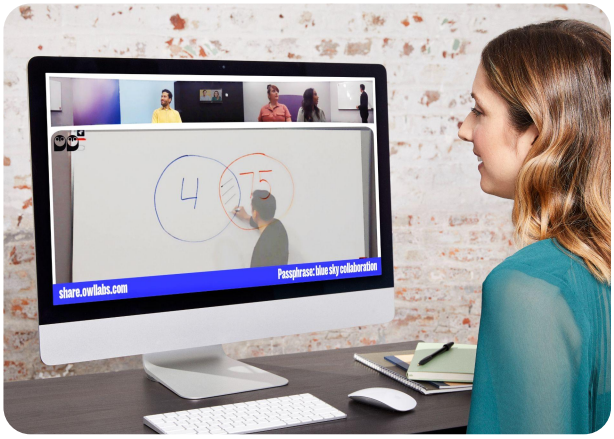
“

Our teachers loved the Whiteboard Owl, particularly our math teachers who were lost without the whiteboard during the previous school year. Students liked being able to still see the teacher while they were writing on the board with the Whiteboard Enhance feature.

— KENNETH COAKLEY, DIRECTOR OF TECHNOLOGY, THE PENNINGTON SCHOOL

READ CASE STUDY



Remote participant view

Whiteboard Capture portal

FROM OWL LABS, FEATURED IN

The New York Times · WIRED · The Boston Globe · WSJ · Forbes · INSIDER · USA TODAY · FAST COMPANY · TechCrunch

PAIRS WITH THE AWARD-WINNING MEETING OWL

Fast Company World Changing Ideas 2021 · TIME Best Inventions 2020 · CES Innovation Awards 2020 Honoree · reddot winner 2020

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Setup made simple

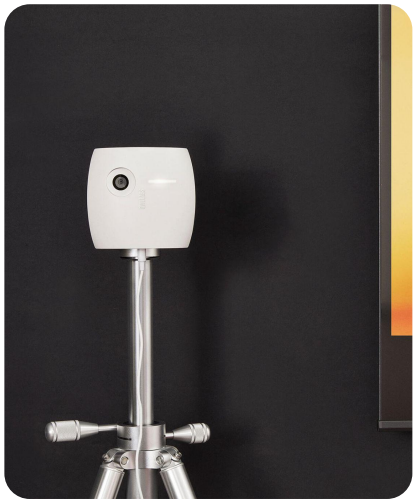
1. Place the Whiteboard Tags in the top-left and bottom-right corners of the whiteboard.
2. Mount your Whiteboard Owl to the wall, ceiling, or tripod 7-16 feet (2-5 meters) from the whiteboard
3. Connect your Whiteboard Owl to power.
4. Open the Meeting Owl App to set up your Whiteboard Owl and pair it with your Meeting Owl.
5. Once you start a meeting, engage the Whiteboard Owl by turning over a magnetic tag.

6. To access whiteboard content, open share.owllabs.com and enter the passphrase that appears on the Meeting Owl Stage view. From there, whiteboard content can be viewed and downloaded during the meeting.

Setup options

Wall mount

Ceiling



Tripod

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Whiteboard Owl™ Specifications

OWL LABS®

Camera	Dimensions	Power Supply	Connection
Pixel Resolution: 4208 x 3120 **Output Resolution:** 1080p **Horizontal Field of View:** 68°	**Size:** 5" H x 5.25" W (13cm H x 13.5cm W) **Weight:** 0.75 lbs (0.35 kg)	**AC Input:** 100-240V, 50/60Hz, 0.5A **DC Output:** 12V, 1A	WiFi
			Warranty
			2-year warranty

USAGE

Activation	Software	Compatibility	Security
Magnetic tag flip Meeting Owl app	**Content Capture:** View and download high-res whiteboard images during the meeting **Whiteboard Enhancement:** Automatically improves whiteboard visibility with increased clarity, reduced glare, and shadow removal **Presenter Transparency:** Presenters are made transparent so remote participants can see writing on the whiteboard at all times	**Video Conferencing:** Zoom, Google Meet, Slack, GoToMeeting, Microsoft Teams, and more **Whiteboards:** Non-glass whiteboards up to 15' x 20' from maximum recommended distance of 16'	**Whiteboard Images:** Whiteboard Capture images are only accessible for up to 2 hours after the meeting has ended. **Software Updates:** Over-the-air software updates are downloaded from Owl Labs' secure servers. Full security details

SETUP

What's Included	Setup	Requirements
Power cord 2 magnetic Whiteboard Tags Drywall screws and anchor 2 adhesive mounting strips Quick Start Guide	**Placement:** 7-16 feet (2-5 meters) from the whiteboard **Mounting Options:** Wall-mount, tripod-mount, or ceiling-mount	Meeting Owl Pro or 3 Non-glass whiteboard

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OWL LABS®

EXPANSION MIC

for Meeting Owl® 3

Extend the audio range of your Meeting Owl 3 by by 8 feet (2.5 meters) in the direction of the mic, so all voices are heard.

KEY BENEFITS

- Ensure that the Meeting Owl 3 hears voices that are quieter or further away by extending the audio pick-up range from 18ft to 26ft in the direction of the mic.
- Keep the conversation flowing easily for participants further from the Meeting Owl 3 by putting a mute button at their fingertips.
- Designed to work exclusively with the Meeting Owl 3 for optimal performance and complementary design. Not compatible with Meeting Owl Pro or Original.
- Connects to the Meeting Owl 3 using a micro-HDMI to micro-HDMI cable.
- Includes mounting bracket with adhesive strips and screws for more confident and secure installation.

FROM OWL LABS, FEATURED IN

The New York Times
WSJ
USA TODAY
WIRED
Forbes
FAST COMPANY
The Boston Globe
INSIDER
TechCrunch

Works with the Meeting Owl 3

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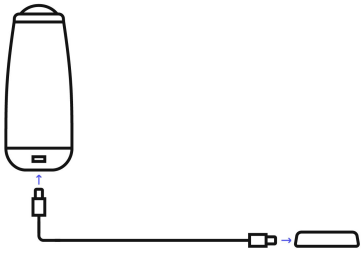
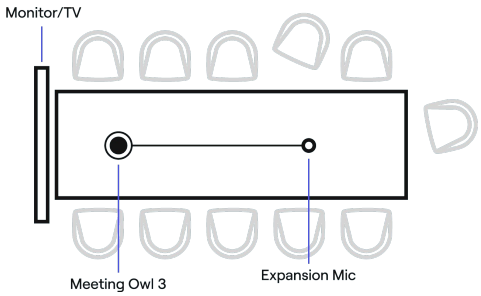
Expansion Mic setup is simple

1



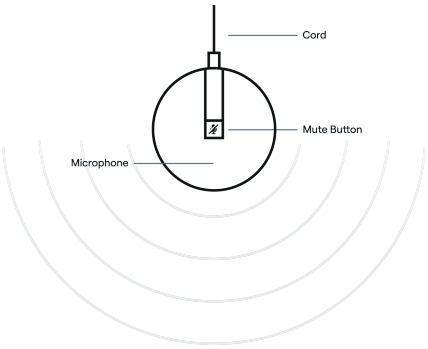
Remove the expansion port cover on the Meeting Owl. Then plug the cable into the Expansion Mic and the Meeting Owl.

2



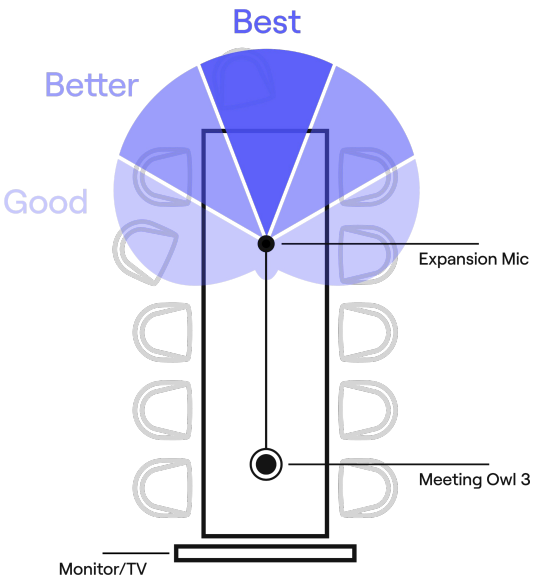
Place the Expansion Mic at least 6 feet (1.8m) away from the Meeting Owl. The Meeting Owl should be at least 18 inches (0.5m) from the monitor/TV.

3



Move the Expansion Mic so it's facing away from the Meeting Owl. Position it so the microphone is facing where people will be speaking.

How it works



"The Meeting Owl has completely transformed our ability to work well across our team and our organization."

_ RORY SUTHERLAND, VICE CHAIRMAN, OGILVY

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