



∞ Meta



OAKLEY META VANGUARD

2026

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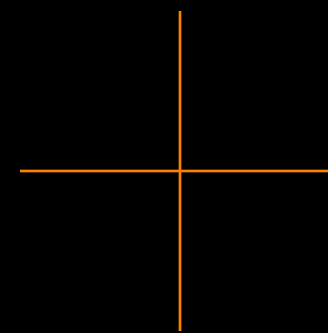
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**GIVE PEOPLE THE CONFIDENCE
TO LIVE IN THE MOMENT AS THEIR
TRUEST SELVES.**

**GIVE PEOPLE THE POWER TO BUILD
COMMUNITY AND BRING THE
WORLD CLOSER TOGETHER.**

THE NEXT GENERATION OF SMART GLASSES

Oakley Meta is the next evolution of AI glasses. Oakley and Meta have joined forces to bring AI glasses to sports and everyday lifestyles, combining Oakley's iconic design DNA with Meta's innovative wearable and AI technology. Built for life on the field, trail, or track, with everyday use cases, Oakley Meta is here to evolve sport and enhance performance.

Designed for athletes and fans alike, Oakley Meta glasses combine innovative AI with bold, wearable design. With Oakley Meta's glasses, you can:

- Capture high-quality video and photos hands-free with a built-in ultra-wide 12MP camera.
- Listen to music, podcasts, and more through Bluetooth speakers seamlessly integrated into the frames
- Make and take phone calls hands-free
- Livestream your adventures, travels, or daily life
- Use Meta AI for instant information and assistance—just say, "Hey Meta."



UNDERSTANDING THE IDEAL CUSTOMER

- Oakley’s contrast-enhancing Prizm™ lenses are designed to improve color and detail in various environments.
 - Designed for everyday athletes, sports fans, and anyone who loves an active lifestyle, Oakley Meta Vanguard offers a wide range of features that all kinds of customers will love.
 - They love Oakley and have a passion for sport, and a desire to push the limit. They are looking for glasses to wear during high-performance sports.
- Live an active lifestyle, participate in sports like running, cycling and snow sports.
 - Embrace an on-the-field sporty lifestyle whether it’s golf, running, cycling and more.
 - Want deeper insights into their physical capabilities and more opportunities to capture and share their greatest achievements.
- Prioritize an athletic and performance style over the trendier Ray-Ban Meta frames.
 - Tech-savvy and comfortable with emerging technologies, they demand a refined user experience and cutting-edge functionality.

PRODUCT PILLARS

SPORT PERFORMANCE STYLE

Oakley Meta Vanguard launched in 4 colors and will introduce 3 new colors in H1 2026.



SPORTS TECH INTEGRATIONS

Oakley Meta Vanguard glasses use Meta AI paired compatible Garmin devices (sold separately) to provide real-time workout data and summaries. The glasses also integrate with Strava to make it easier than ever to share your progress with your community.



*Compatible Garmin device sold separately.
*Separate Strava account required.

STREAMLINED CHARGING CASE

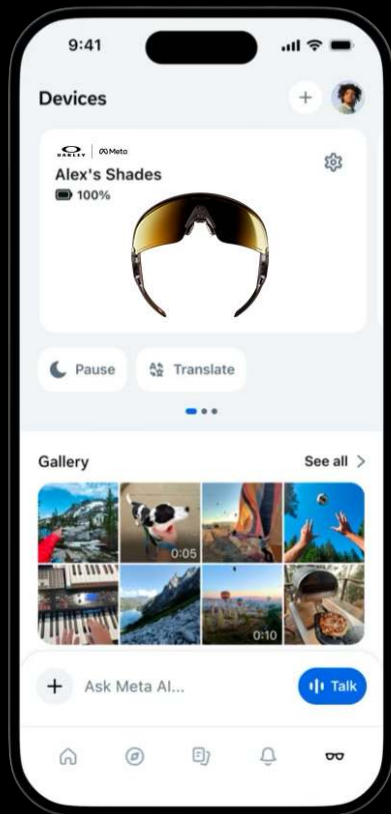
Our longest charge yet, Oakley Meta Vanguard is built to last for the duration of your workout and optimized for a wide range of temperatures.

Up to 9 hours battery life on full charge. Charging case can provide an additional 36 hours of battery life.



META AI APP

Use the Meta AI app to manage your glasses, customize settings, share photos and interact with your Meta AI* assistant. Discover new features and tips from other users all in one place. The Meta AI app is required to support your glasses experience.



**Certain Meta AI features only available in select countries and languages.



∞ Meta

OAKLEY META



VANGUARD

OAKLEY META VANGUARD

Welcome to the era of Athletic Intelligence.

Oakley Meta Vanguard glasses are AI glasses designed for high-intensity activities. They combine Oakley’s sport-focused design with Meta’s AI technology to provide real-time fitness insights*, hands-free photo and video capture, and open-ear bluetooth audio.

*Compatible Garmin device sold separately.



OAKLEY META VANGUARD

These are the core technologies behind Oakley's high-performance sun lenses:

HIGH DEFINITION OPTICS®

Oakley HDO was created to provide a sharper, more accurate view, help reduce eye fatigue and improve visual performance, particularly for athletes and individuals who demand precision in their vision.

DISRUPTIVE LENS DESIGN

A new lens design enabled by Oakley's PhysioMorphic™ Geometry design methodology allowed the lens to be designed with an extended wrap while giving it a progressive and disruptive aesthetic.

BUILT FOR SPORT

Functional sport design with optimized coverage, wide field of view, helmet compatibility and Oakley's three-point fit system for comfort and retention.

UV & IMPACT PROTECTION

Oakley's Plutonite® lens material is engineered to provide up to 100% UV protection and designed to survive both high-speed and high-mass impact.

PRIZM™ LENS TECHNOLOGY

Oakley's contrast-enhancing Prizm™ lenses are designed improve color and detail in various environments. Accessory Prizm™ lenses are available for purchase for an easy swap out, anytime.

ONE SIZE FITS ALL

Lens Width: 52mm
Bridge Width: 152mm
Temple Length: 120mm
Shield Fusion Coming Soon
(Oakley's new Shield Rx Technology)

REPLACEABLE UNOBTAINIUM® NOSEPADS

Comes with x3 swappable nose pads to ensure a good fit across various face shapes and sizes. Nose pads are made of Unobtainium, an Oakley material that increases grip with perspiration to ensure your glasses stay in place. And feature a ligature bump to help provide stability while running and cycling.

SWEATPROOF & WATERPROOF IP67 RATING

With a water, sweat and dust-resistant IP67 rating, Oakley Meta Vanguard is suitable for use in rainy and wet conditions, and are designed to withstand sweat during intense physical activity without damage.

**Disclaimer: Not for prolonged submersion or high-speed watersports. Water resistance is not a permanent condition, and resistance might decrease as a result of normal wear.*

OAKLEY META VANGUARD

Action ready hardware:

MUSIC CONTROL

Single tap on touchpad will play/pause music; swipe forward to increase volume, backward to decrease volume.

ACTION BUTTON

Assign the customizable action button to a feature and get access to what you need quickly and reliably, every time.

ENHANCED SPEAKERS

Powerful open-ear speakers built into the temples of the glasses deliver immersive, high-quality audio that adjusts to your surroundings—even in winds up to 30mph. Increased max volume (+6dB vs SN Max) for action use-cases.

CAPTURE BUTTON

Press once to take a photo, or press and hold to start recording video; press again to stop.

CAPTURE LED LIGHT

Lights up to let others know when you're capturing video, photos or going live.

ULTRA-WIDE 12MP CAMERA

The camera has a 122° ultra-wide field of view and a 12MP sensor. It can record Ultra HD (3K) video at 30fps and full HD video at up to 60fps.

CHARGING PORT

Center charging interface.

MULTI-MIC ARRAY

Wind noise reduction provides crystal clear communications while on calls, messaging or using voice control.

POWER BUTTON

Turn your glasses on and off.

EXTENDED BATTERY LIFE

Up to 6 hours of continuous audio, 9 hours of normal use, and a case that adds 36 more. Plus, a full charge takes just 75 minutes. Dual Steel Can batteries support end-to-end active sessions. Up to a 2.8 year shelf life. Engineered for functionality across hot and cold temperatures.

OAKLEY
META
VANGUARD

- Available starting at \$499 USD



FRAME **BLACK** LENS **PRIZM™ 24K**
OW8001-0452



FRAME **WHITE** LENS **PRIZM™ BLACK**
OW8001-0552



FRAME **BLACK** LENS **PRIZM™ ROAD**
OW8001-0152



FRAME **WHITE** LENS **PRIZM™ SAPPHIRE**
OW8001-0652

New H1 2026 Colors



FRAME **BLACK** LENS **PRIZM™ BLACK**
OW8001-0752



FRAME **WHITE** LENS **PRIZM™ ROSE GOLD**
OW8001-0852



FRAME **BLACK** LENS **PRIZM™ TRANSITIONS® EMBER**
OW8001-0952



POWERED BY PRIZM™ LENS TECHNOLOGY

Prizm™ is an Oakley lens technology designed to enhance color and contrast, allowing you to see more detail.

Color - Transforms your view into a more vibrant and vivid world.

Contrast - Enhances depth perception and highlights key features in the environment.

Detail - Reveals nuances and features unseen by the naked eye.



Prizm™ lens colors for Oakley Meta Vanguard



PRIZM™ BLACK



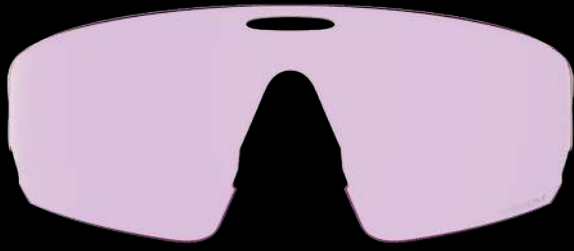
PRIZM™ 24K



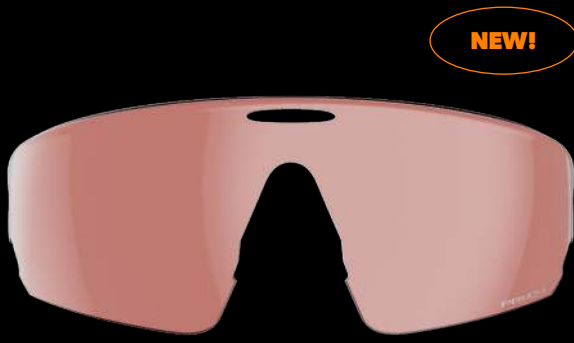
PRIZM™ SAPPHIRE



PRIZM™ ROAD



PRIZM™ LOW LIGHT™



PRIZM™ DARK GOLF

*Available as a replacement lens only.

NEW PRIZM™ TRANSITIONS® LENSES

Engineered to darken in the sun and lighten in the shade

AI-powered Oakley Meta Vanguard glasses with PRIZM™ Transitions® dynamic lenses that seamlessly adapt to changing light and sport conditions, offering continuous responsiveness and helping athletes catch every detail, react as fast as possible, and perform at their best in any light.

The ultimate performance eyewear to push your limits in outdoor light conditions.



EXPOSURE TO
OUTDOOR LIGHT



ALWAYS ON TINT

TRANSITIONS® LEVEL
OF ACTIVATION

FULLY ACTIVATED

Prizm™ Transitions® lenses enhance color and contrast while seamlessly adapting to changing light conditions. From the field to the track, they deliver an enhanced visual experience by blocking 100% of UVA and UVB rays and filtering blue-violet light* for optimal performance.

Prizm™ Transitions® lens colors for Oakley Meta Vanguard



PRIZM™ TRANSITIONS® EMBER



PRIZM™ TRANSITIONS® COBALT

*Filters up to 49% of blue-violet light indoors & up to 87% outdoors. Blue-violet light is measured between 400 and 455nm (ISO TR 20772:2018). Photochromic performance may vary across colors and lens material and is influenced by temperature and UV exposure.

ACCESSORIES

Available for purchase



OAKLEY META VANGUARD

REPLACEMENT PRIZM™ & PRIZM™ TRANSITIONS® LENSES



Prizm™ Black, Prizm™ 24K, Prizm™ Road, Prizm™ Sapphire, Prizm™ Low Light, Prizm™ Dark Golf, Prizm™ Rose Gold, Prizm™ Transitions® Cobalt and Prizm™ Transitions® Ember.

*Deco piece will not be swappable by end user. Can only match color of original lens color, not able to change color to match accessory lenses.

ACCESSORY UNOBTAINIUM® NOSEPADS



UNIVERSAL FIT: accommodates most people.

HIGH BRIDGE FIT: for high nose bridge and lower cheekbones. (nose sitting higher than pupils)

LOW BRIDGE FIT: for low nose bridge and higher cheekbones. (nose sitting lower than pupils).

ACCESSORY CHARGING CASE



Up to 36 hours of charge time per fully charged case.

Case fully charges glasses in 75 minutes.

Quick charge the glasses to 35% in 15 minutes.

PRODUCT FEATURES



KEY FEATURES



BUILT FOR SPORT

Oakley Meta Vanguard is a performance frame where advanced sport function meets immersive tech. Every detail is engineered with intention. From a redesigned shield lens that integrates seamlessly under helmets, to a battery with up to 6 hours of continuous audio, IP67-rated durability, and speakers that stay loud at 30 mph, this is a product built for athletes.



CAPTURE

Oakley Meta Vanguard features a centered, ultra-wide 12MP camera so you can capture mind-blowing moments in 1080P or 3K from your authentic POV, hands-free. With the expanded field of view, new capture modes, like hyperlapse and slow motion, and support for recorded videos, you can capture your record-setting runs and once-in-a-lifetime rides and share them with the world.



LISTEN*

Get epic, immersive audio quality in all conditions with the powerful open-ear speakers built into the temples of Oakley Meta Vanguard. Whether running or biking down a noisy road, you'll enjoy clear, high-quality audio, music and calls, while retaining your situational awareness thanks to the open-ear design. With Spotify, Apple Music, Amazon Music, and more available, just say “Hey Meta” to start listening to your go-to workout playlist, cool-down podcast, or victory song - hands-free.



SPORTS TECH INTEGRATIONS*

Through integrations with Garmin and Strava, you can access real-time health data and performance metrics mid-activity, delivered by Meta AI, personalized for you. With a simple “Hey Meta”, you can ask for personal stats, set alerts based on your goals, check local conditions before your ride and even get help making the perfect protein-packed post-workout smoothie –all hands-free and screen-free, so you can remain present while you train.

*Compatible Garmin device sold separately and separate Strava account required.



HANDS FREE COMMUNICATION

Quick connect on Oakley Meta Vanguard gives you an easy way to instantly communicate without losing focus on the road ahead. With just a single press of a button on the glasses, you can stay in touch with your cycling buddies or your partner waiting for you at the finish line. You can also send text or voice messages, make phone calls, take video calls and get live translations. – all hands-free. So when you’re on the go, Vanguard lets you stay in touch.

* Hands free video calling available on WhatsApp, Messenger, and Instagram.
** Calling on WhatsApp, Messenger, and Instagram may not be available in the UAE.

* Oakley Meta features: camera, open-ear audio, and pairs with the companion app to edit and share your content. IMPORTANT! For ages 13 and up · May interfere with personal medical devices · Full voice commands available in English, Italian, French, German, Spanish ES/LA, Portuguese PT/BR, Hindi, Telugu, Kannada, Korean and more. See full list in FAQ. · Requires: a mobile phone with Android (location services enabled) or an iPhone with iOS operating system, wireless internet access, and a Meta account · Detailed system requirements, software terms of license, terms of service are available at www.oakley.com · Warranty information inside and available at www.oakley.com · Features, functionality and content are subject to change or withdrawal at any time, may be protected by digital rights management technology, unavailable or restricted in some areas, may depend on wireless service plan or internet service provider and may require subscriptions or fees · Requires updates to be installed from time to time, including prior to first use · This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; (2) this device must accept any interference received, including interference that may cause undesired operation.

** Connected apps only available in select countries.

BUILT FOR SPORT

Oakley Sport-Focused Design + Meta AI Technology

PERFORMANCE-DRIVEN DESIGN

- NEW Prizm™ Transitions™: Dynamic lenses that enhance color and contrast while seamlessly adapting to changing light and sport conditions.
- Wrap-around shield lens: Designed for enhanced coverage, improved visibility and easy swap out.
- Hardened for Active environments: With a water, sweat and dust-resistant IP67 rating.
- Built for Sport: Helmet compatibility*, 3 sizes of Unobtainium® nose pads, and Oakley's three-point fit system.

SPECIALIZED ATHLETIC HARDWARE

- Centered POV Camera: ultra-wide 122° field of view 12 MP camera.
- Louder Audio: immersive audio, even in windy conditions up to 30mph.
- Customizable Action Button: Features a dedicated button that can be programmed to trigger specific sports tasks.

FITNESS ECOSYSTEM

- Garmin & Strava Integration: For real-time insights, alerts and activity sharing.
- Internal Status LED: Features a glanceable internal LED to signal if you're hitting your target pace.

*Not compatible with snow helmets



META AI

Stay hands-free and in the zone

You can use voice commands to activate Meta AI by saying “Hey Meta.” This lets you use features hands-free, like starting and stopping video capture, asking for real-time fitness stats, getting weather updates, and more, all without taking out your phone.

GET INFO ABOUT WHAT YOU SEE

“Hey Meta, what trail am I running on?”

“Hey Meta, What type of trees are on this trail?”

“Hey Meta, what’s a healthy recipe I can make with these ingredients?”

GET RECOMMENDATIONS

“Hey Meta, what are some places I can stop and get a coffee at during my ride?”

“Hey Meta, where should I go for my post ride drink?”

CONTROL YOUR FEATURES

“Hey Meta, record in slow motion.”

“Hey Meta, play my hype playlist.”

“Hey Meta, call Will.”

TRANSLATE TEXT

“Hey Meta, translate this text into Italian”

“Hey Meta, what does this say in Spanish?”

*Certain Meta AI features only in select countries and languages. Please check local availability.



A NEW WAY TO TRAIN

Real-time Data with Garmin

Every session backed by precision data, so you can train harder, recover smarter, and perform at your peak.

Pair your Oakley Meta glasses with Garmin* watches and bike computers to tap into historical and real-time data like never before. Get deeper, more detailed insights before, during, and after every session — powered by Meta AI.

SMARTER TRAINING

Get real-time Meta AI-powered data & insights for smarter training, and historical data to track your progress over time.

BEAT YOUR BEST

Ask Meta AI for specific metrics or get alerts based on your workout goals.

"Hey Meta, what's my heart rate?"

"Hey Meta, how am I doing?"

STAY IN THE ZONE

Set the Status LED for different targets, like pace or heart rate zone, and the light will let you know if you're in range as you move so you can stay hands-free and in the zone.

CAPTURE & SHARE

Autocapture lets you pair your glasses with your Garmin* device to automatically capture footage and shareable action media with activity data overlays to relive and share your moments.

"Hey Meta, start autocapture."

*Compatible Garmin device sold separately
*Certain apps or features only available in select countries and languages



GOLF

Meta AI: New Golf Integration Launching Spring/Summer 2026

Oakley Meta Vanguard works with 18Birdies and Arccos to deliver a hands-free, voice-first golf experience—helping you stay focused on your round, track progress, and capture key moments without breaking your rhythm.

BEFORE ROUND

- Start round. Initiate a round within Golf ecosystem via voice or directly from partner app

DURING ROUND

- Rangefinder. Provide accurate distances to the green at any point during their round
- Club recommendations. Offer club guidance using real-time data and course layout
- Tee shot guidance. Provide Safe Miss tips for optimal tee shot aiming
- Real time stats. Access to round metrics and weather insights
- Score logging. Enable hands-free logging of score and stats directly to partner app after playing each hole

AFTER ROUND

- Overlays. Display stats on selected captures for effortless sharing
- Compilations. Create a montage of the manual captures
- Round summary. Access in C50 to AI-generated summaries and key stats from prior Golf rounds



SNOW

Meta AI: New 2026 Snow Integration

Oakley Meta Vanguard can now help you take your training and performance to the next level in snow sports, with the below stats also working great for stats overlays.

WITH COMPATIBLE GARMIN DEVICE

ACCELERATION (GS)

- “Hey Meta, how many Gs did I pull the last run”
- “Hey Meta, what was the max Gs I pulled this month”

GRADE / SLOPE (%)

- “Hey Meta, what is the grade of this run”
- “Hey Meta, how steep was my last run”

TOTAL DESCENT (FT)

- “Hey Meta, how much vertical have I skied today”
- “Hey Meta, what is my total ski descent the past month”

TOTAL ASCENT (FT)

- “Hey Meta, how much have I climbed this month”

SKI RUNS (#)

- “Hey Meta, how many laps have I skied today”
- “Hey Meta, how many runs have I skied this month”

LONGEST RUN (FT)

- “Hey Meta, what is my longest ski run ever”
- “Hey Meta, what’s my longest snowboard run of the day”

WITH PHONE CONNECTIVITY (GARMIN NOT REQUIRED)

LIFT STATUS

- “Hey Meta, is lift 55 running today”

RUN DIFFICULTY

- “Hey Meta, how difficult is the snowflake lane run”



SPORTS TECH INTEGRATIONS

Meta AI works with Garmin* devices and other fitness tracking apps to help you stay motivated and on track with your goals. You can also get activity summaries in the Meta AI app to elevate your performance.

Works with Garmin devices, Strava and other fitness tracking apps.

GARMIN

- Unlock real-time data.
- Link your Garmin device to your Oakley Meta Vanguard via the Garmin Connect IQ app and the Meta AI app.

STRAVA

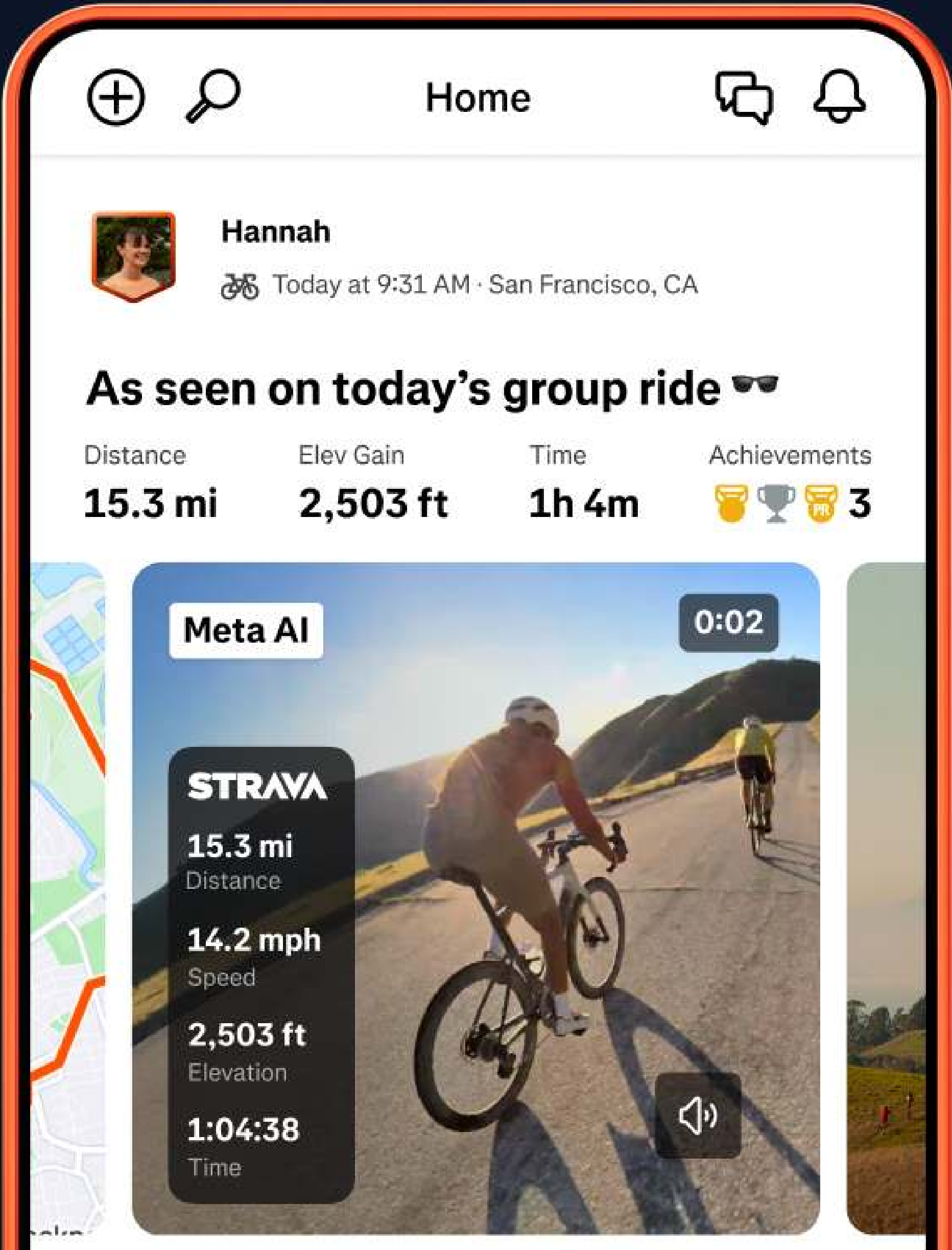
- Share your results and keep track of your sessions.
- Link your Strava account to your Oakley Meta Vanguard using the Meta AI app.

*Compatible Garmin device sold separately

ACTIVITY SHARING

Add your performance metrics from Garmin devices or Strava to videos and photos to share with your family, friends and community in more dynamic ways.

*Compatible Garmin device sold separately
*Separate Strava account required



CAPTURE

Ultra-wide field of view

Capture all the action in high resolution with the 12MP centered camera for an ultra-wide 122° field of view and 3K UHD recording.

With adjustable stabilization, you can control the level applied to your videos or automate with auto-select.

PRIVACY:

The LED privacy light on your AI glasses lets people know when you're taking a photo or capturing video to ensure others' privacy is respected (if the LED is covered up, the camera will not function).

Want to see your photos and videos? Content is synced to your smartphone via the Meta AI app.

ACTION BUTTON

- > ASSIGN THE CUSTOMIZABLE ACTION BUTTON TO A FEATURE AND GET ACCESS TO WHAT YOU NEED QUICKLY AND RELIABLY, EVERY TIME



CAPTURE BUTTON

- > PRESS ONCE TO TAKE A PHOTO
- > PRESS AND HOLD TO START RECORDING
- > PRESS AGAIN TO STOP RECORDING



HANDS-FREE CAPTURE

- > SAY "HEY META" FOLLOWED BY A COMMAND (E.G. "TAKE A PHOTO") FOR A HANDS-FREE CAPTURE

Voice commands are available in FR, IT, EN

Meta AI* assistance must be wake-word enabled for voice command within the app. Alternatively, you can tap and hold to activate voice command(s).



CAPTURE MODES

Capture mind-blowing moments from your POV, hands-free, using camera modes designed for athletes. And with adjustable stabilization, you can control the level applied to your videos or automate with auto-select – making it easy for you to capture, share and relive your most impressive achievements.

VIDEO SPECS

- Default video length is 5 minutes in full HD at 30fps
- Ultra HD (3K) video recording is supported up to 3 minutes
- Hyperlapse video recording is supported up to 30 minutes
- Slow motion video up to 1 minute

HYPERLAPSE

- > IDEAL FOR RUNNING OR BIKING, HYPERLAPSE MODE CAPTURES YOUR ACTION SHOTS OVER TIME AND PLAYS THEM BACK AS A SINGLE SMOOTH, SPED-UP SHAREABLE CLIP.



SLOW MOTION

- > PERFECT FOR WHEN YOU WANT TO CAPTURE EVEN MORE DETAIL - AND ADD A DRAMATIC EFFECT TO YOUR MOST INCREDIBLE MOMENTS.



AUTOCAPTURE

- > AUTOCAPTURE WORKS WITH COMPATIBLE GARMIN* DEVICES. USING ONLY YOUR VOICE, YOU CAN AUTOMATICALLY CAPTURE FOOTAGE SYNCED TO YOUR WORKOUT STATS AND STAY FULLY IMMERSED IN YOUR WORKOUT.

*Garmin required, sold separately.



LISTEN

Enhanced Audio

Oakley Meta Vanguard is equipped with louder speakers designed to cut through wind and speed. The powerful open-ear speakers with adaptive volume control gives athletes epic, immersive audio quality in different conditions—even in winds up to 30 mph—while still maintaining their situational awareness.

With Spotify, Apple Music, Amazon Music, and more available, listen to your go-to workout playlist, cool-down podcast, or victory song.

AUDIO SPECS

- 2 discreet open-ear speakers
- Able to listen in up to 30mph winds
- 6dB louder than Oakley Meta HSTN
- Custom 5-mic Array (2 in the frame, 3 near nose region)

CONTROL PLAYBACK

- > TAP ONCE TO PLAY OR PAUSE
- > DOUBLE-TAP TO SKIP FORWARD
- > TRIPLE TAP TO SKIP BACKWARDS
- > SAY "HEY META, PAUSE" OR "...NEXT"



ADJUST VOLUME

- > SWIPE FORWARD TO TURN UP THE VOLUME
- > SWIPE BACK TO TURN DOWN THE VOLUME
- > SAY "HEY META, VOLUME UP" OR "...VOLUME DOWN"



MANAGE CALLS

- > DOUBLE-TAP TO ANSWER
- > DOUBLE-TAP TO END
- > TAP AND HOLD TO REJECT



HANDS-FREE COMMUNICATION

Call, text or voice messages hands- free

Perfect for getting mid-workout advice from your trainer or catching up with friends while on a hike. You can even start a video call and share your unique POV with family and friends. So when you're on the go, Oakley Meta Vanguard lets you stay in touch.

*Voice features available in English, French, Italian and Spanish.
*Hands free video calling available on WhatsApp, Messenger, and Instagram (may not be available in the UAE).



QUICK CONNECT

Keep in touch, keep moving.

With quick connect on Oakley Meta Vanguard, you can stay in touch with your cycling buddies or your partner waiting for you at the finish line with just one touch.

Before you can use Quick Connect, use the Meta AI app to assign an action, like sending a voice or text message, sharing a photo, or placing a call to a single contact or group. Then, when you want to get in touch on the go, you simply press and hold the touchpad on the right temple.



POV/VIDEO CALLING

A unique way to call and share your point of view hands-free. A double-press on your glasses during a video call will activate the glasses camera. POV Video calling lets you share your unique point of view with others in real-time on WhatsApp, Messenger, and Instagram video calls*.

If you're biking, running or hiking, you can put your phone away and go hands-free while continuing to share video in real-time.

*Hands free video calling available on WhatsApp, Messenger, and Instagram (may not be available in the UAE).



LIVE TRANSLATION

With live translation, you can have a conversation with someone who speaks another language and hear translations in real time between English, French, Spanish, Italian, German and Portuguese. Translations play back through the open ear speakers on your glasses and are viewable as a transcript on the Meta AI app. It's great when exploring trails in new countries and connecting with local athletes.

To start, say "Hey Meta, start live translation" or indicate directly from your Meta AI app.

Live translation does not require network or internet connectivity. Simply download a language pack before you go and you can use it while traveling.

Certain Meta AI features only in select countries and languages. Please check local availability.



LIVE AI

Converse naturally with Meta AI while it understands the context around you. Whether it’s exploring a new resort, translating a sign on the trail, or getting insights on your run, Meta AI sees what you see to help you with your daily activities. Without wake words or pauses to take pictures for analysis, live AI’s quick context-rich responses allow users to have more natural conversations.

“Hey Meta, start live AI”

A live AI session will last about 30 minutes on a full charge.

*Only available in USA and Canada



∞ Meta

CHARGING CASE



AND PACKAGING

CHARGING CASE

Your Oakley Meta glasses and charging case have different charge lifecycles.

A fully charged pair of Oakley Meta Vanguard glasses can last up to 6 hours of continuous audio playback and 9 hours of typical use. Need more power in a hurry? You can carry the durable case in your sports bag so you can achieve an additional 36 hours of charging on the go.

CHARGING YOUR GLASSES

The only way to charge your glasses is by putting them in the charging case. You'll know they're charging when the case LED blinks after you've docked them and closed the case.

- Only takes 75 minutes to fully charge Oakley Meta Vanguard.

CHARGING YOUR CASE

Connect your case to a power adapter using a USB-C cable and plug it into the the charging case.

- Case can be fully charged in 3.5 hours.

*Battery life varies by use, configuration, settings and many other factors.

CHARGING CASE LED

GREEN = FULLY CHARGED / RED = NOT FULLY CHARGED

WHEN THE CASE IS EMPTY, LED SHOWS BATTERY OF CHARGING CASE (GREEN = FULLY CHARGED, YELLOW = NOT FULLY CHARGED)

WHEN THE GLASSES ARE INSIDE, LED SHOWS BATTERY OF GLASSES (GREEN = FULLY CHARGED, YELLOW = NOT FULLY CHARGED)



PACKAGING

OAKLEY META VANGUARD COMES WITH THE FOLLOWING ACCESSORIES AND USER MANUALS:

- CHARGING CASE*
- MICROFIBER POUCH
- TWO ADDITIONAL SIZES OF NOSEPADS
- QUICK START GUIDE
- SAFETY & WARRANTY GUIDE

*To reduce waste, Oakley Meta glasses will be shipped without a USB-C charging cable.



∞ Meta

META AI APP



META AI APP

Enhance the experience of your glasses

Manage your glasses and customize settings, import and share photos, and interact with your personalized Meta AI assistant on both your glasses and the app. Learn about new features and see how others are getting the most out of Meta AI through the feed.

The Meta AI app is required to support your glasses experience.

SET-UP YOUR OAKLEY META VANGUARD

Follow the step-by-step process to pair your glasses with bluetooth and install the updates (if any).

PRODUCT TOUR

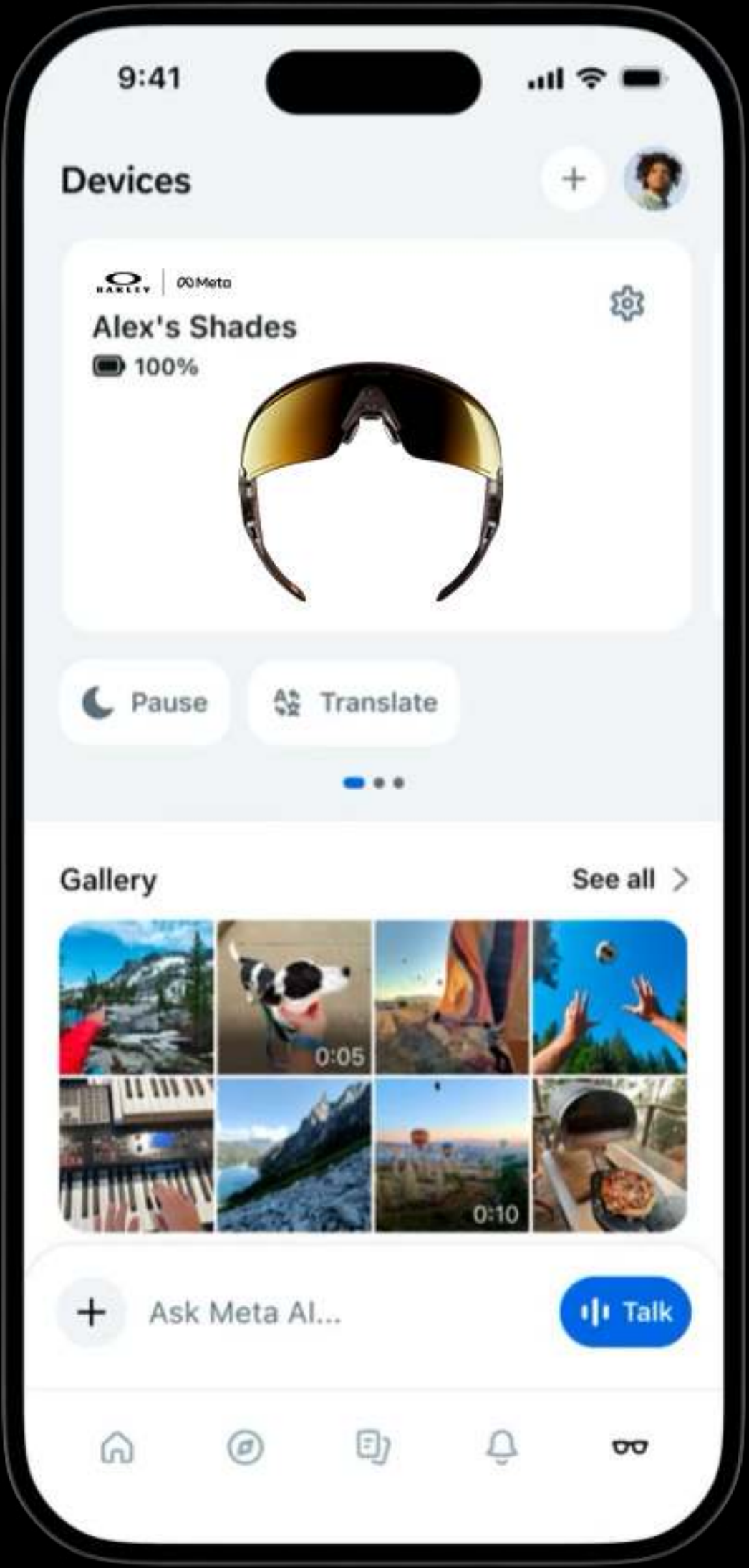
Learn how to use Oakley Meta Vanguard.

PRIVACY CONTROLS

Manage your privacy settings and choose what information you share.

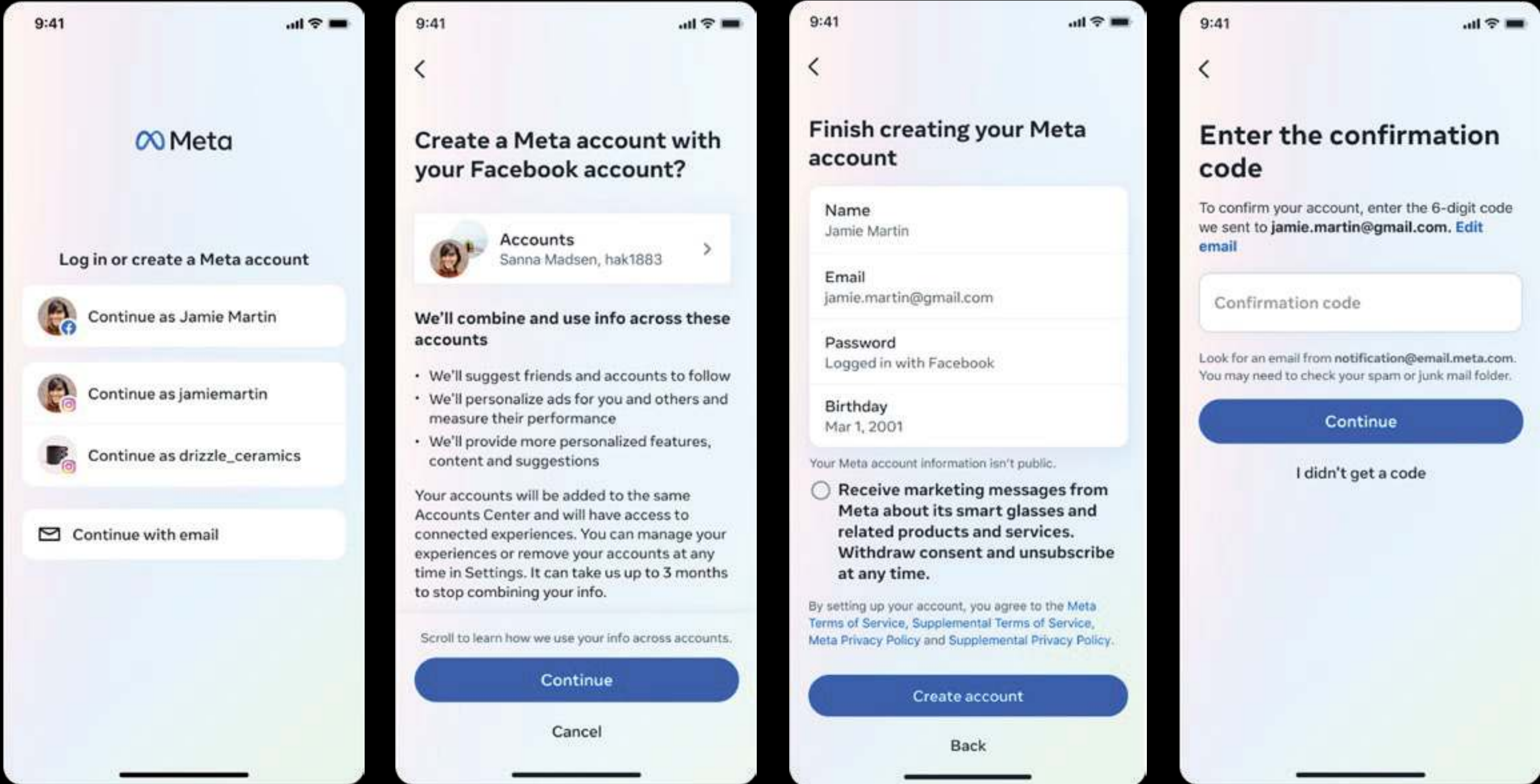
YOUR PERSONAL ASSISTANT

Capture and communicate hands-free, get answers from Meta AI, translate in real time and listen to your favorite mix with high quality audio.



META ACCOUNTS

Create one Meta account for all your devices. Meta accounts are a new way to log in to Meta devices that provide more control over the share and how you interact with Meta apps and devices. You can choose whether to add your Facebook or Instagram accounts to your Meta account in Accounts Center. Whether or not you add your Facebook or Instagram accounts, you'll still have access to all the Oakley Meta Vanguard features. You can choose to use an existing Meta account or create a new one using email, Facebook or Instagram login.



PRIVACY

You're in control of your information and content

1. PRIVACY SETTINGS

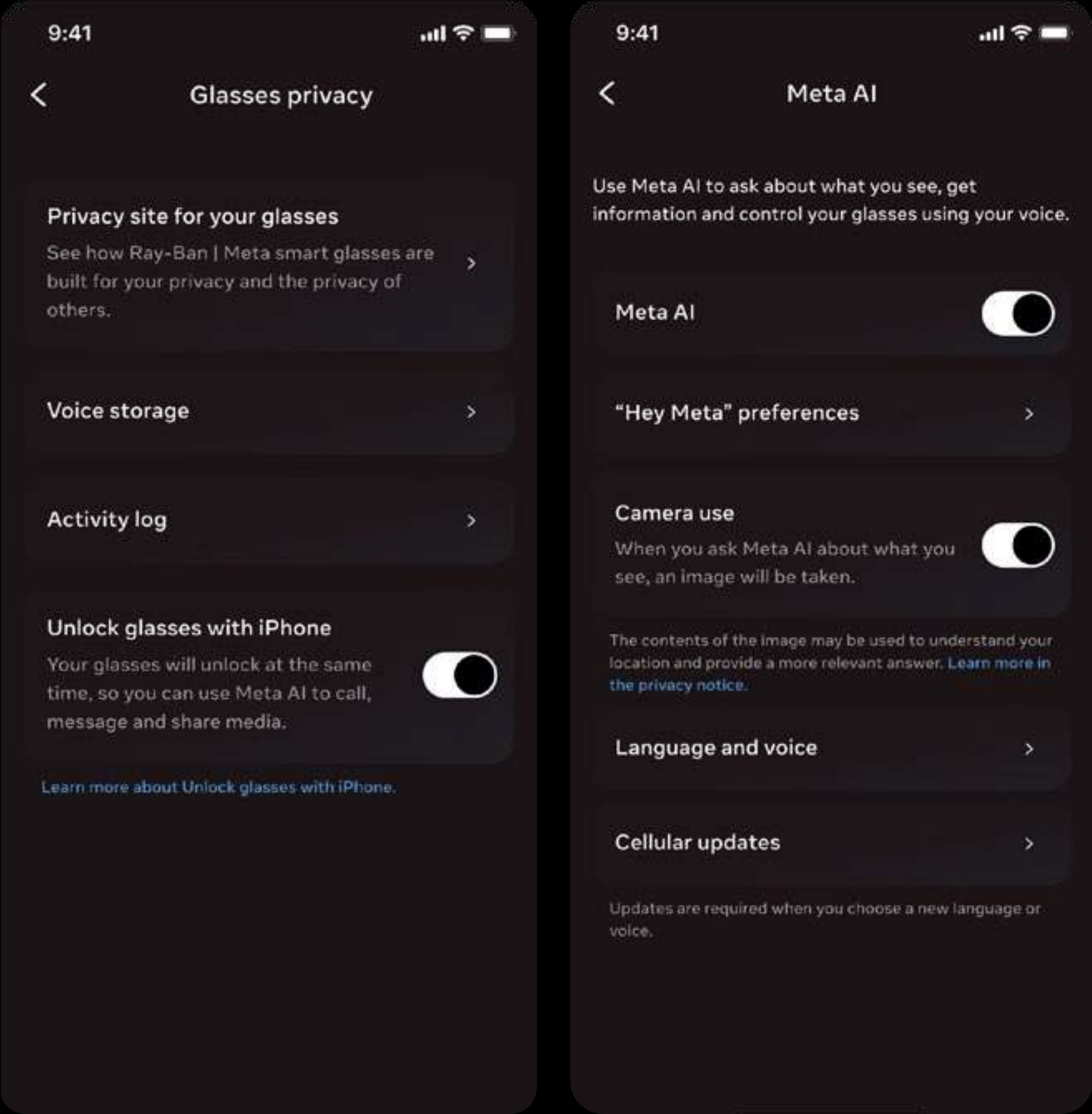
Easy to access settings let you view and manage the information you share with Meta. Meta collects data needed to help make your glasses and app reliable, secure, and operating normally, and you can choose to share additional data to improve the experience.

2. VOICE CONTROLS PRIVACY

You have the option to enable voice commands when you set up your glasses, and can turn it off any time you want. Voice controls are easy to set up and you can choose whether to store voice recordings and activity logs.

3. CAPTURE LED

The Capture LED light lets people know when you're capturing content or going live. If the LED is covered, you'll be notified to clear it.



FAQs



FAQ

OAKLEY META VANGUARD VS. HSTN

WHAT IS THE DIFFERENCE BETWEEN OAKLEY META VANGUARD AND OAKLEY META HSTN GLASSES?

Oakley Meta glasses are versatile smart glasses, While both are performance AI glasses, Oakley Meta Vanguard glasses differ from Oakley Meta HSTN in frame design and in the following ways:

Water resistance: Vanguard has an IP67 rating (dust and water resistant up to 1 meter), while HSTN has an IPX4 rating (splash resistant).
Battery life: Vanguard offers up to 9 hours of use; HSTN offers up to 8 hours.

Camera: Vanguard's camera has a 122° FOV and is centered; HSTN's camera has a 100° FOV and is athlete-centered but not centered. Both support 3K video.

Design: Vanguard is built for more extreme, high intensity sports like mountain biking and skiing; HSTN is built for lower impact, casual sports like golfing.

Audio: Vanguard has more powerful open-ear speakers (6dB louder than HSTN).

Lens options: Vanguard uses wrap-around Prizm™ lenses optimized for sports; HSTN offers a wider variety of lens options.

WHAT ARE OAKLEY META VANGUARD GLASSES?

Oakley Meta Vanguard glasses are AI glasses designed for high-intensity activities. They combine Oakley's sport-focused design with Meta's AI technology to provide real-time fitness insights (with select Garmin devices sold separately), hands-free photo and video capture, and open ear bluetooth audio.

ARE OAKLEY META VANGUARD GLASSES MORE PERFORMANCE-FOCUSED THAN OAKLEY META HSTN?

Yes. Oakley Meta Vanguard is designed for more extreme, high intensity activities and outdoor conditions with longer battery life, and specialized fitness integrations. Oakley Meta HSTN is more lifestyle-oriented with a focus on everyday athletic use.

WHAT IS THE DIFFERENCE BETWEEN OAKLEY META VANGUARD AND RAY-BAN META GLASSES?

Oakley Meta Vanguard glasses are designed specifically for high-intensity sports with an IP67 rating, longer battery life, and fitness-focused features. Ray-Ban Meta glasses are more lifestyle-oriented with a focus on everyday use, style, and social features. Oakley Meta Vanguard has a wider field of view camera and deeper fitness integrations.

ARE OAKLEY META VANGUARD GLASSES MORE WATER-RESISTANT THAN OAKLEY META HSTN GLASSES?

Yes. Oakley Meta Vanguard has an IP67 rating, making it dust- and water-resistant up to 1 meter for 30 minutes, suitable for rugged outdoor use. HSTN has an IPX4 rating, which protects against splashes but is less suitable for extreme conditions.

WHICH MODEL HAS BETTER BATTERY LIFE: OAKLEY META VANGUARD OR OAKLEY META HSTN?

Oakley Meta Vanguard offers up to 9 hours of typical use per charge, while Oakley Meta HSTN offers up to 8 hours. Vanguard is optimized for longer usage time.

HOW DO OAKLEY META VANGUARD GLASSES WORK WITH META AI?

Meta AI is built into every pair of Oakley Meta Vanguard glasses, helping everyday athletes get the most out of every moment. Just say “Hey Meta” or tap the frames to activate Meta AI. The glasses also integrate with compatible Garmin fitness devices (sold separately) to provide hands-free, voice-activated access to workout data such as heart rate, distance, pace and post-workout summaries.

FAQ

HOW MUCH DO OAKLEY META VANGUARD GLASSES COST?

Oakley Meta Vanguard glasses are available for \$499/€549.

WHAT DO I NEED TO USE OAKLEY META GLASSES?

To operate Oakley Meta glasses you need to connect your glasses with a smart phone and the Meta AI app. Here's the complete checklist:

- Smart phone with a recently released operating system: Android 10 and above (with location services enabled) or iOS 14.4 and above. Reference the compatible phone list.
- Wireless internet access
- USB-C charging plug (if charging from a power outlet and not directly from a USB point)
- A valid Meta account
- Meta AI app

ARE PRESCRIPTION LENSES AVAILABLE FOR OAKLEY META VANGUARD GLASSES?

Rx-ability launching in 2026 with Shield Fusion - Oakley's new Shield Rx technology.

HOW CAN I USE GARMIN WITH MY OAKLEY META VANGUARD GLASSES?

Oakley Meta Vanguard glasses integrate with compatible Garmin devices (sold separately), you can link your Garmin device to your AI glasses via the Garmin Connect IQ app and the Meta AI app.

HOW CAN I USE STRAVA WITH MY OAKLEY META VANGUARD GLASSES?

Oakley Meta Vanguard integrates with Strava, you can link your Strava account to your glasses using the Meta AI app.

WHAT DEVICES ARE COMPATIBLE WITH OAKLEY META VANGUARD?

Oakley Meta Vanguard glasses are compatible with iOS and Android smartphones (iOS 15.2+ and Android 10+), and can be connected to compatible Garmin smartwatches and cycling computers (sold separately) for fitness tracking and Meta AI features.

CAN SOMEONE ELSE USE MY OAKLEY META GLASSES?

Oakley Meta glasses can only pair with one Meta account at a time. If you want to sell or give your glasses to someone else, you'll need to complete a factory reset - which will permanently erase all captures and any associations between the glasses and your Meta Account.

ARE OAKLEY META VANGUARD GLASSES COMPATIBLE WITH FITNESS TRACKING APPS LIKE GARMIN AND STRAVA?

Yes, Oakley Meta Vanguard glasses use Meta AI paired compatible Garmin devices (sold separately) to provide real-time workout data and summaries. The glasses also integrate with Strava to make it easier than ever to share your progress with your community.

DO I NEED WIFI OR CELLULAR DATA TO USE THE GLASSES?

While many features can be used offline, Meta AI functionality and features require internet connectivity.

DO OAKLEY META VANGUARD GLASSES SUPPORT LIVE STREAMING?

No. Oakley Meta Vanguard glasses do not support live streaming.

CAN I USE OAKLEY META VANGUARD GLASSES INTERNATIONALLY?

Yes. Oakley Meta Vanguard glasses are designed for global use, with support for multiple languages and compatibility with international versions of Garmin devices (sold separately). However, some features may vary by region due to regulatory or network differences.

IS OAKLEY META VANGUARD WATERPROOF?

Oakley Meta glasses, along with the built-in Bluetooth speakers and camera, are water-resistant with an IP67 Rating - for water. Sweat resistant for durability, reliability and longevity. Designed for sun, snow, weather, dirt and extreme temperatures.

Keep the charging case away from liquids as it is not water-resistant and exposure to liquids could damage it or other property and lead to injury.

CAN I USE MY OAKLEY META VANGUARD GLASSES FOR SWIMMING, SURFING, KITEBOARDING, OR OTHER WATER SPORTS INVOLVING SUBMERSION OR HIGH SPEEDS?

No. It's not recommended to use the AI glasses for activities like swimming, surfing, or kiteboarding, as they exceed the device's water resistance capabilities and risk damage.

CAN I REPLACE THE BATTERY IN MY GLASSES OR CHARGING CASE?

No, it's not possible to replace the embedded battery inside the glasses or charging case. But charging cases are available for purchase as an accessory.

WHAT ARE THE RECOMMENDED AGES?

Oakley Meta AI glasses are for ages 13 and up. You can find more information about the age of use by visiting the Safety and Warranty page [HERE](#).

CAN VANGUARD TRACK MY PHYSICAL ACTIVITY OR STEPS WITHOUT GARMIN?

Not at this time. Oakley Meta Vanguard glasses do not have built-in sensors to track physical activity or steps independently. Instead, they integrate with compatible Garmin smartwatches and cycling computers (sold separately) to provide real-time fitness data and insights via Meta AI.

FAQ

WHAT IS THE WARRANTY AND RETURN POLICY FOR OAKLEY META VANGUARD GLASSES?

Standard returns

Our standard return policy is 30 days from when you receive your order. Once your Oakley Meta glasses are returned, they will be inspected and a refund will be issued to your original payment method. Shipping fees are non-refundable.

If you purchased your Oakley Meta glasses from Meta.com, you can use our Find Order page to start a return.

If you purchased your AI glasses directly from Oakley.com, you can contact them to request a refund. Returns are subject to the original retail store’s return policies.

Warranty returns

If you think your AI glasses are defective and the return timeframe has expired, you can open a warranty claim with Oakley for a repair or replacement. To open a claim you’ll need your product serial number and proof of purchase. The warranty is only valid for 1 or 2 years from purchase, based on the country of purchase.

WHERE CAN I BUY OAKLEY META GLASSES?

You can buy Oakley Meta glasses on Oakley.com, at official Oakley stores and from certified Oakley dealers (online & in store). Currently they’re available for purchase in the United States, Canada, United Kingdom, Ireland, Austria, Belgium, France, Italy, Spain, Germany, Finland, Norway, Denmark, Sweden and Australia. They are also available in select markets via the Meta website.

LED SIGNALING AND PRIVACY ON OAKLEY META AI GLASSES?

- Main function of the LED: the LED signals when the glasses are capturing content (photos, videos, or livestreams) that can be shared in the gallery.
- AI without LED on: when using AI features that rely on the camera (e.g., identifying a landmark or a plant), the LED does not turn on in newer models, since this is not content meant for sharing. Privacy protections remain in place (e.g., removal of identifiable data such as license plates or phone numbers).

Data handling and privacy:

- Photos and videos used for AI features are not saved in the Meta AI conversation history, in order to protect the privacy of people around you.
- Meta uses the data only to provide the requested feature and, in protected form, to improve its products.
- No facial recognition technology is used.

Older models:

on first-generation Ray-Ban Meta glasses, the LED still turns on during some AI features, due to hardware limitations.

WHICH LANGUAGES DOES “HEY META” SUPPORT?

Most functional voice commands operate in Bulgarian, Cantonese, Chinese, Mandarin, Croatian, Danish, Dutch, English, Filipino, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Kannada, Korean, Norwegian, Polish, Portuguese PT/BR, Romanian, Slovak, Spanish ES/LA, Swedish, Telugu, Thai, Traditional Chinese and Vietnamese.

WHERE CAN I GET MORE INFORMATION OR SUPPORT IF I DON’T FIND MY ANSWER IN THE FAQ?

<https://www.meta.com/ai-glasses/>

TECH SPECS

CAMERA

12 MP ultra-wide 122° FOV
with medium image stabilization

Image acquisition

3024 x 4032 pixels

Video resolution

1080p @ 30fps
1080p @ 60fps
3K @ 30fps

Video capture modes

Standard
Slow Motion
Hyperlapse

MEMORY

32GB Flash Storage
1000+ Photos
100+ 30s Videos

AUDIO

Speaker

2 discreet open-ear speakers

Loudness & bass

76.1dB(C)
Able to listen in up to 30mph winds.
6dB louder than Oakley Meta HSTN

Microphone

Custom 5-mic Array (2 in the frame, 3
near nose region)

CONNECTIVITY

Wi-Fi

Wi-Fi 6 certified

Bluetooth

Bluetooth 5.3

OS compatibility

IOS 15.2 and above
Android 10 Minimum

Phone compatibility

(see next page)

HARDWARE

Rated IP67

Water resistant*
Sweat resistant
Dustproof

**Not submersion or extended exposure
to water or other liquids. Charging case
not water resistant*

UV protection

Designed to filter out 100% of UVA &
UVB light up to 400 nm

Weight

Frame: 66g
Charging case: 258g

Battery

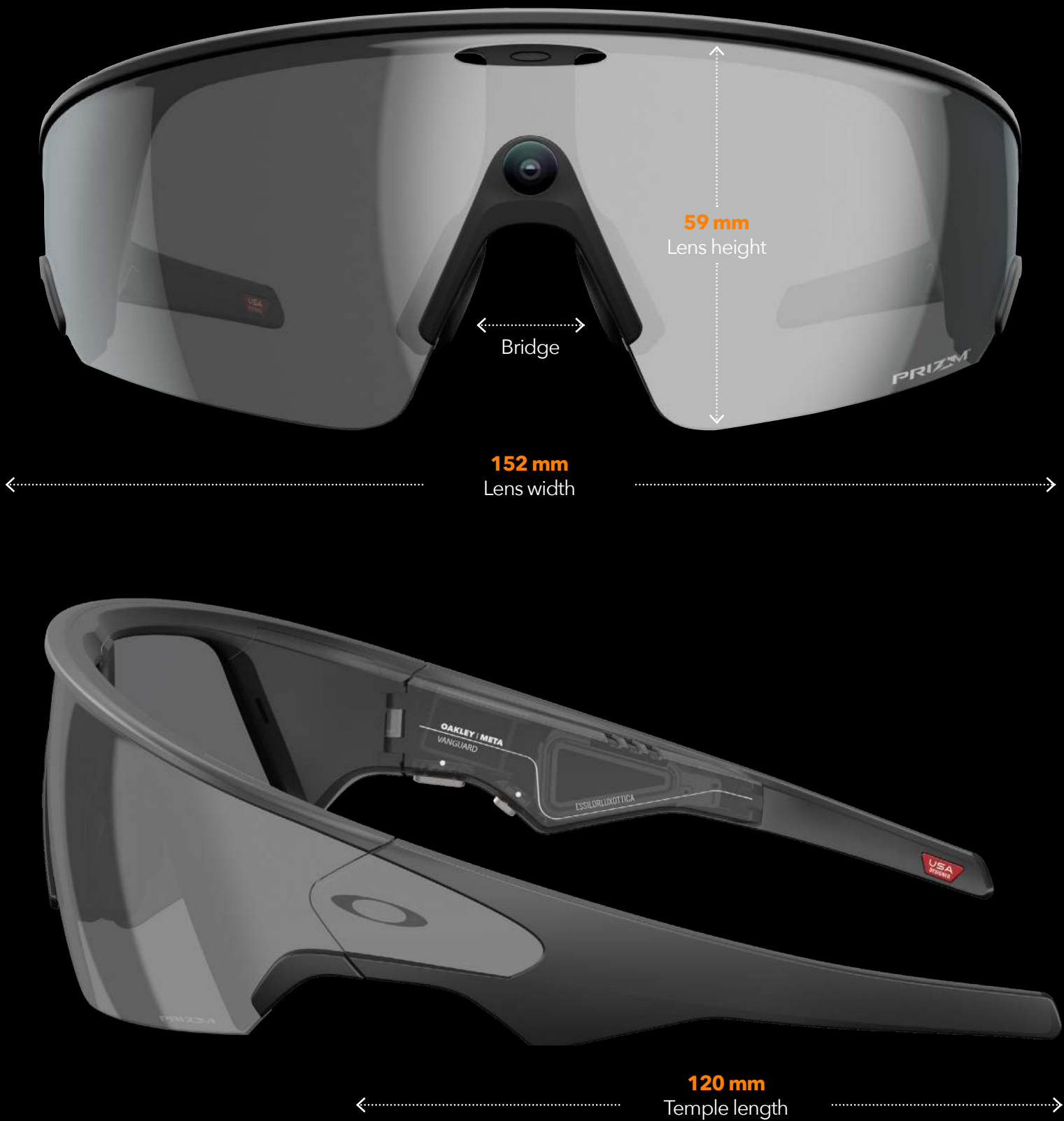
Rechargeable AI glasses with up to:
9 hours with single charge
36 hours with fully charged case

PRIVACY

The Capture LED light in the center of
Oakley Meta Vanguard lights up to let
others know when you're capturing
video, photos or going live. If you want
to use the camera and the Capture LED
light is covered or obscured, your glasses
will notify you to clear it before you can
begin.

ACCESSIBILITY

Oakley Meta glasses can support those
with reduced vision, hearing and
mobility. For instance, Meta AI offers
detailed spoken descriptions of
surroundings and can connect you with
the Be My Eyes® network, which offers
assistance from sighted volunteers.



COMPATIBLE PHONE LIST

APPLE



APPLE IPHONE XR	APPLE IPHONE 11	APPLE IPHONE 13	APPLE IPHONE 15	APPLE IPHONE 17
APPLE IPHONE SE (2022)	APPLE IPHONE 11 PRO	APPLE IPHONE 13 MINI	APPLE IPHONE 15 PLUS	APPLE IPHONE 17 PRO
	APPLE IPHONE 11 PRO MAX	APPLE IPHONE 13 PRO	APPLE IPHONE 15 PRO	APPLE IPHONE 17 PRO MAX
	APPLE IPHONE 12	APPLE IPHONE 13 PRO MAX	APPLE IPHONE 15 PRO MAX	APPLE IPHONE AIR
	APPLE IPHONE 12 MINI	APPLE IPHONE 14	APPLE IPHONE 16	
	APPLE IPHONE 12 PRO	APPLE IPHONE 14 PLUS	APPLE IPHONE 16 PLUS	
	APPLE IPHONE 12 PRO MAX	APPLE IPHONE 14 PRO	APPLE IPHONE 16 PRO	
		APPLE IPHONE 14 PRO MAX	APPLE IPHONE 16 PRO MAX	

GOOGLE PIXEL



GOOGLE PIXEL 5	GOOGLE PIXEL FOLD
GOOGLE PIXEL 6	GOOGLE PIXEL 8
GOOGLE PIXEL 6 PRO	GOOGLE PIXEL 8 PRO
GOOGLE PIXEL 7	GOOGLE PIXEL 9 PRO XL
GOOGLE PIXEL 7 PRO	GOOGLE PIXEL 9 PRO - PINK

SAMSUNG



GALAXY NOTE 20 (EXYNOS)	GALAXY S20 (EXYNOS)	GALAXY S21 (EXYNOS)	GALAXY S22 (EXYNOS)	GALAXY S23 (QUALCOMM)	GALAXY S24 (EXYNOS)	GALAXY Z FLIP3	GALAXY Z FOLD2
GALAXY NOTE 20 (QUALCOMM)	GALAXY S20 (QUALCOMM)	GALAXY S21 (QUALCOMM)	GALAXY S22 (QUALCOMM)	GALAXY S23 ULTRA (QUALCOMM)	GALAXY S24 (QUALCOMM)	GALAXY Z FLIP4	GALAXY Z FOLD3
GALAXY NOTE 20 ULTRA (EXYNOS)	GALAXY S20 FE (QUALCOMM)	GALAXY S21 FE (QUALCOMM)	GALAXY S22 ULTRA (EXYNOS)	GALAXY S23+ (QUALCOMM)	GALAXY S24+ (EXYNOS)	GALAXY Z FLIP5	GALAXY Z FOLD4
GALAXY NOTE 20 ULTRA (QUALCOMM)	GALAXY S20 FE (EXYNOS)	GALAXY S21 FE (EXYNOS)	GALAXY S22 ULTRA (QUALCOMM)		GALAXY S24+ (QUALCOMM)	GALAXY Z FLIP6	GALAXY Z FOLD5
	GALAXY S20 ULTRA (EXYNOS)	GALAXY S21 ULTRA (EXYNOS)	GALAXY S22+ (EXYNOS)		GALAXY S24 ULTRA (QUALCOMM)		GALAXY Z FOLD6
	GALAXY S20 ULTRA (QUALCOMM)	GALAXY S21 ULTRA (QUALCOMM)	GALAXY S22+ (QUALCOMM)		GALAXY S25		
	GALAXY S20+ (EXYNOS)	GALAXY S21+ (EXYNOS)					
	GALAXY S20+ (QUALCOMM)	GALAXY S21+ (QUALCOMM)					

Phone must operate on:
IOS 15.2 and above
Android 10 Minimum

COMPATIBLE GARMIN DEVICE LIST

GARMIN

D2™ Air X1	fēnix® 7	Forerunner® 165	tactix® 7	Edge® 1050	MARQ® (Gen 2) Athlete / Adventurer / Captain / Golfer / Carbon Edition / Commander - Carbon Edition MARQ® (Gen 2) Aviator
D2™ Mach 1	fēnix® 7S	Forerunner® 165 Music	tactix® 7 - AMOLED Edition	Edge® 1040	
D2™ Mach 1 Pro	fēnix® 7X	Forerunner® 265	tactix® 8 - AMOLED Edition	Edge® 1040 Solar	
D2™ Mach 2 47 mm	fēnix® 7 Pro	Forerunner® 265s	tactix® 8 - Solar Edition	Edge® 540	
D2™ Mach 2 51 mm	fēnix® 7 Pro - Solar Edition (no Wi-Fi)	Forerunner® 965	Venu® 3	Edge® 540 Solar	
Enduro™ 2	fēnix® 7S Pro	Forerunner® 570	Venu® 3S	Edge® 840	
Enduro™ 3	fēnix® 7X Pro	Forerunner® 970	Venu® 4-41 mm	Edge® 840 Solar	
epix™ (Gen 2)	fēnix® 7X Pro - Solar Edition (no Wi-Fi)	quatix® 7	Venu® 4-45 mm	Edge® MTB	
epix™ Pro (Gen 2) 42 mm	fēnix® 8 43 mm	quatix® 7 Sapphire	Venu® X1	Edge® 550	
epix™ Pro (Gen 2) 47 mm	fēnix® 8 47 mm	quatix® 7 Pro	vívoactive® 5	Edge® 850	
epix™ Pro (Gen 2) 51 mm	fēnix® 8 51 mm	quatix® 7X Solar	vívoactive® 6		
	fēnix® 8 Solar 47 mm	quatix® 8-47 mm			
	fēnix® 8 Solar 51 mm	quatix® 8-51 mm			
	fēnix® E				
	fēnix® 8 Pro 47 mm				
	fēnix® 8 Pro 51 mm				
	fēnix® 8 Pro MicroLED				

[CLICK HERE TO LEARN HOW TO
CONNECT YOUR GARMIN WITH
OAKLEY META VANGUARD](#)

OAKLEY | Meta

2026

