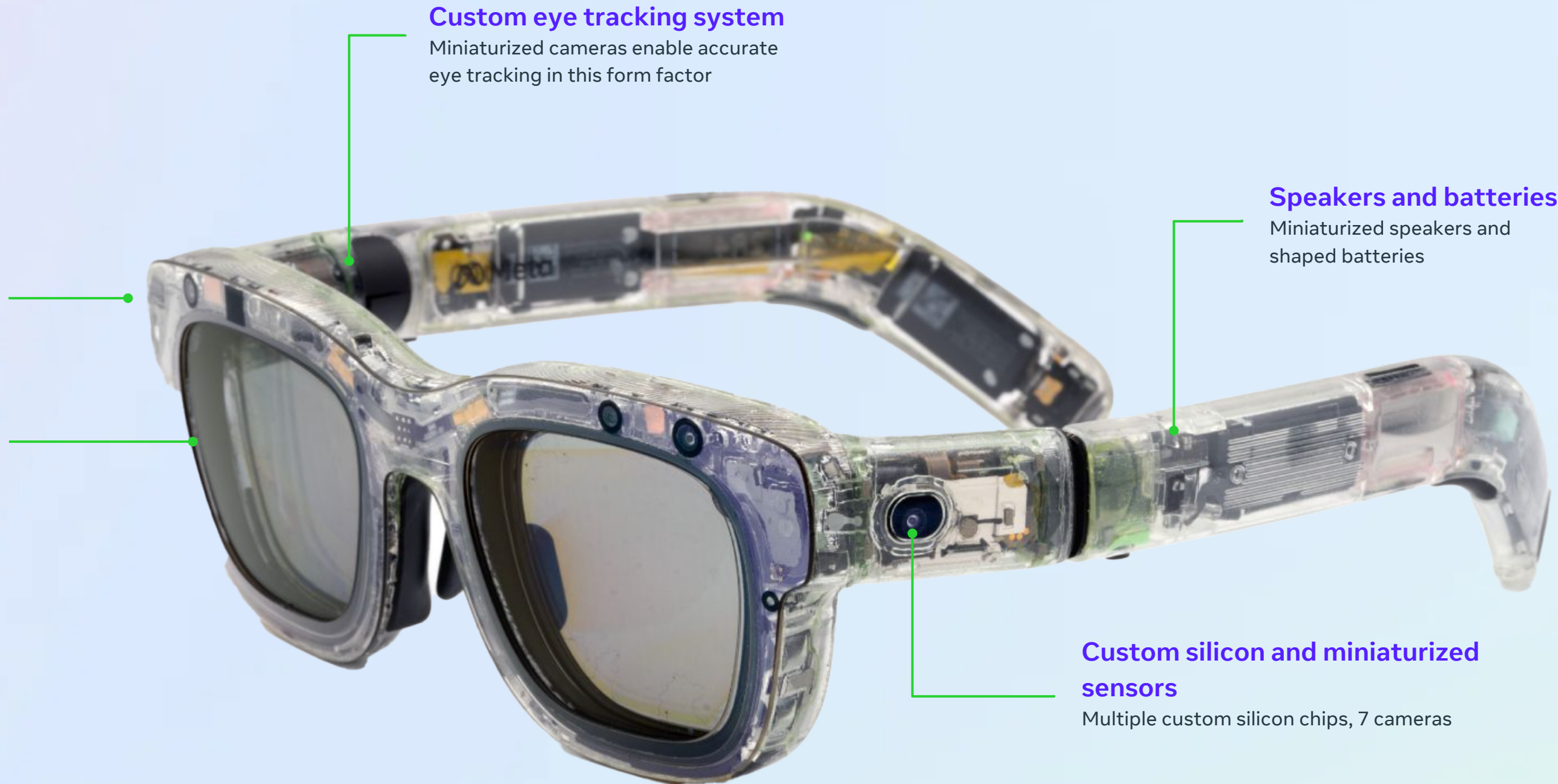




# Our journey to build a new category mobile device

- Magnesium alloy**  
Manage durability with thermal & weight distribution
- Approx. 70 degree FoV**  
Enabled through use of Silicon Carbide & microLEDs
- MicroLEDs**  
Optimizes for color correction, power, brightness, form factor
- Silicon carbide**  
Waveguide enables large FoV, no stray optical artifacts, lighter than glass



**Custom eye tracking system**  
Miniaturized cameras enable accurate eye tracking in this form factor

**Speakers and batteries**  
Miniaturized speakers and shaped batteries

**Custom silicon and miniaturized sensors**  
Multiple custom silicon chips, 7 cameras



# 2025 | Meta Wearables



Ray-Ban Meta Gen2



Oakley Meta HSTN



Oakley Meta Vanguard



Meta Ray-Ban Display



# Meta Ray-Ban Display

## Discrete Input

Power in your hand  
Message with just a gesture  
Control glasses without looking away

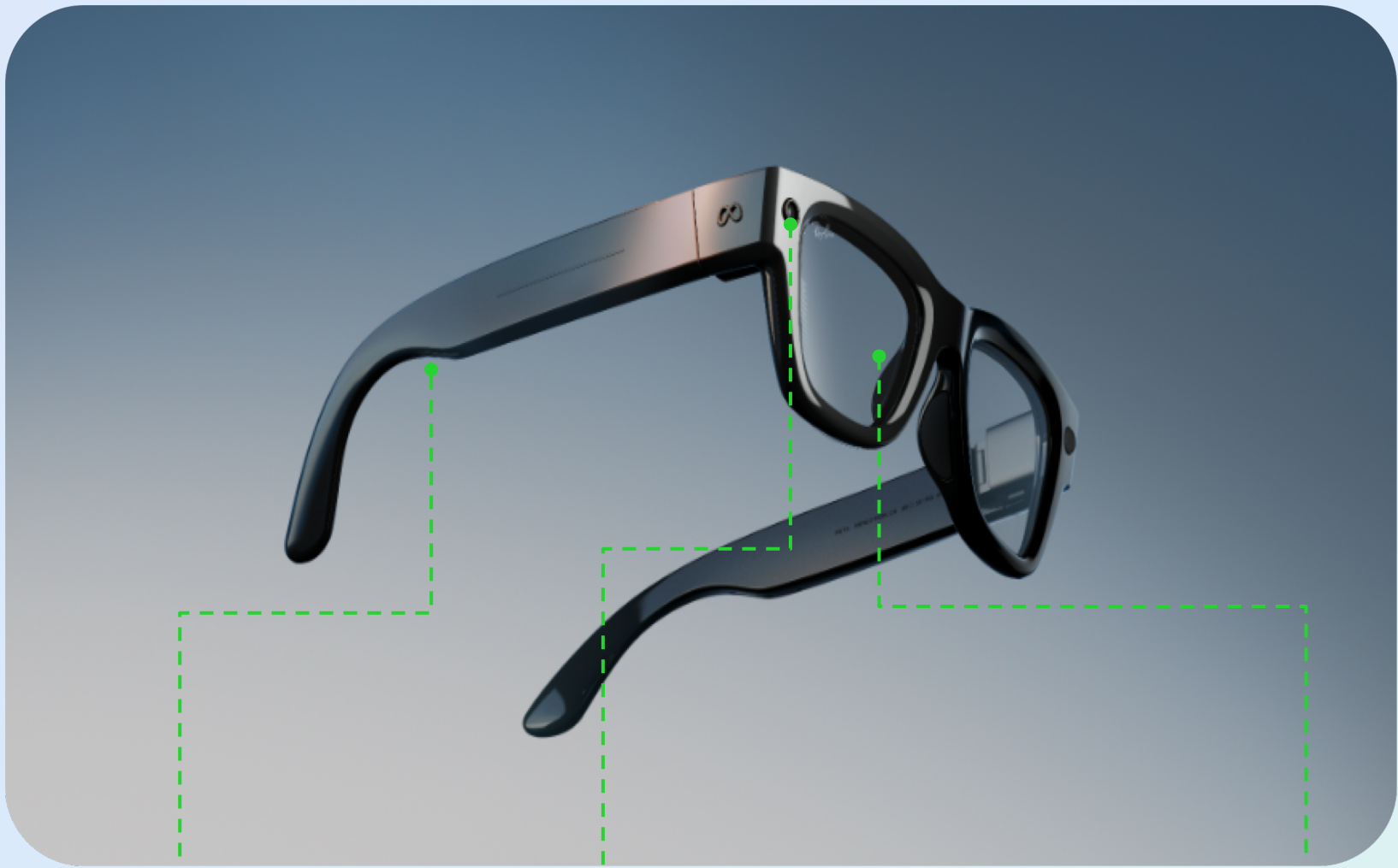


## EMG Band

8 EMG Sensors  
Custom on device IMU

## Display Glasses

First Lens of its kind,  
Smart Glasses with Monocular Display  
Bright in Daylight



## Clear Audio

5 Acoustic Mic Array

## 12 MP Camera

Confident Capture with Viewfinder

## Integrated Monocular Display

Full Color, 600 \* 600 px, 5000 nits

## Compact Folding Charging Case

Enjoy whole day battery life





# Meta Ray-Ban Display Experiences



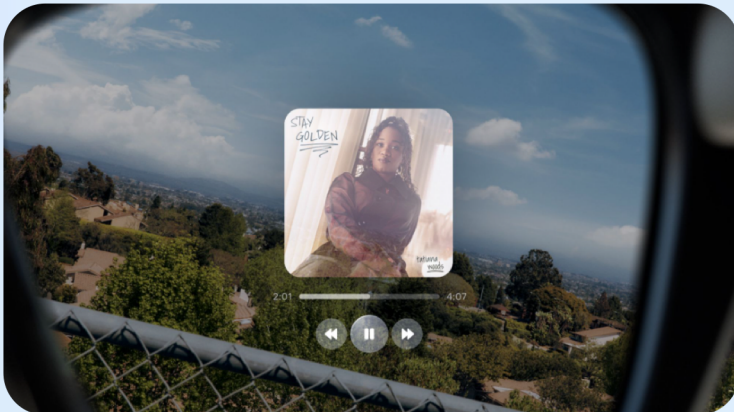
Help with Meta AI



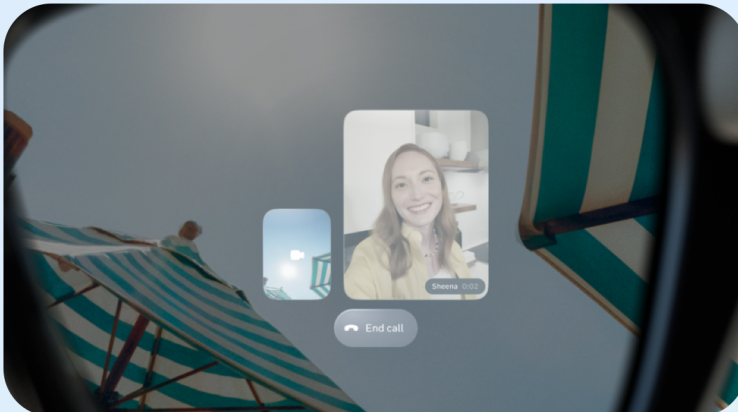
Turn by Turn Navigation



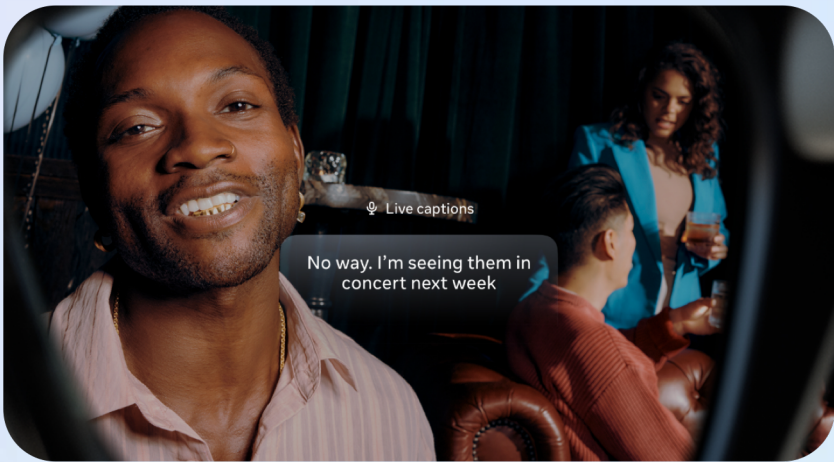
Live Translation



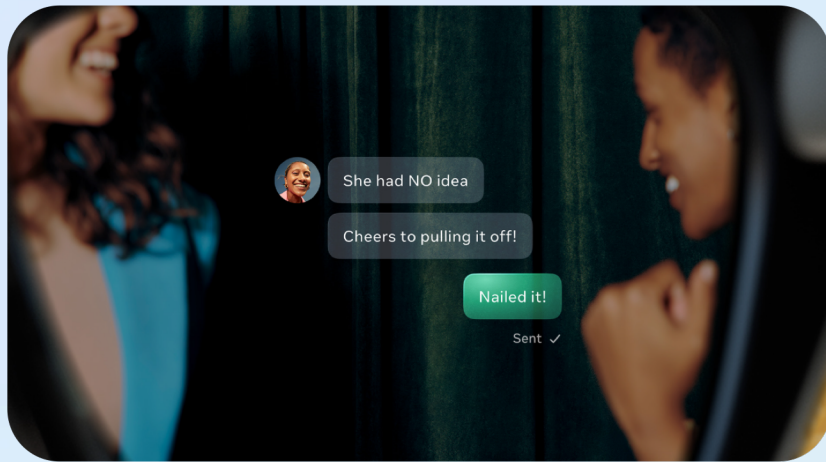
Music Control



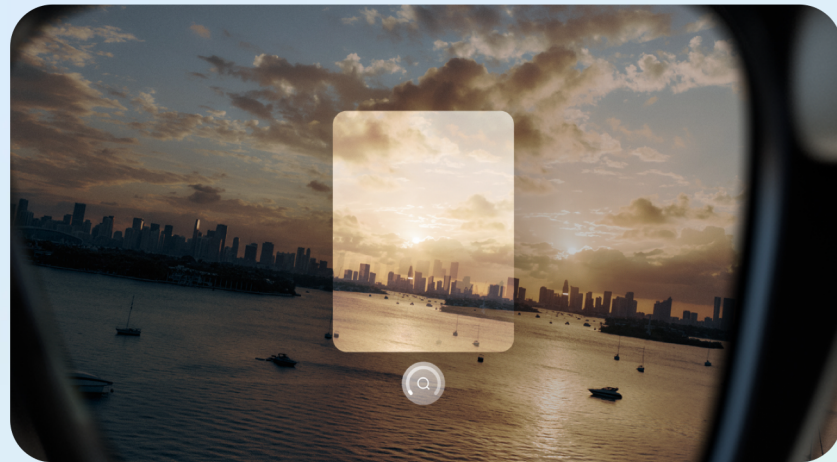
WhatsApp POV Call



Live Caption



Discrete Response



Zoom in/out with Neural Band



# Future Experiences - Personal AI



Remember Everyone



Contextual Alerts



AutoComplete







# Unlicensed is the new “last hop” for Mobile

## 2-Part Constellation AI Glass + Wrist



## 3-Part Constellation Display Glass + Puck + Wrist

