# OptiLens-1 Product Specifications

## Overview

The OptiLens-1 is a cutting-edge pair of smartglasses designed for seamless integration of the digital and physical worlds. With a sleek design, it offers powerful features for an enhanced augmented reality experience.

## Design

- \*\*Form Factor\*\*: Stylish, lightweight glasses

- \*\*Weight\*\*: Approximately 50 grams

- \*\*Material\*\*: Durable, high-quality composite materials

- \*\*Color Options\*\*: Midnight Black, Arctic White, Ocean Blue

## Display

- \*\*Lens Type\*\*: Transparent AR lenses

- \*\*Resolution\*\*: 1080p Full HD

- \*\*Field of View\*\*: 60 degrees

- \*\*Brightness\*\*: Adjustable for various lighting conditions

## Camera

- \*\*Front Camera\*\*: 12 MP iPhone-quality camera

- \*\*Features\*\*: Autofocus, HDR, Low-light enhancement

- \*\*Video Recording\*\*: 4K at 30fps

## Audio

- \*\*Speakers\*\*: Dual bone-conducting speakers embedded in stems

- \*\*Microphones\*\*: Array of 4 noise-cancelling microphones for clear voice commands and calls

## Augmented Reality Features

- \*\*Digital Overlay\*\*: Real-time information overlay (e.g., Google Maps navigation)

- \*\*Content Interaction\*\*: Gesture and voice-activated controls

- \*\*Onboard AI\*\*: Real-world queries and contextual information

## Connectivity

- \*\*Bluetooth\*\*: Version 5.2 for seamless smartphone pairing

- \*\*Wi-Fi\*\*: Dual-band 802.11ac support

- \*\*Smartphone Integration\*\*: Displays notifications, messages, and calls

## Controls

- \*\*Touchpad\*\*: Intuitive touch-sensitive area on the temple for controls

- \*\*Voice Commands\*\*: "Hey OptiLens" activation for hands-free operation

## Battery

- \*\*Battery Life\*\*: Up to 8 hours of continuous use

- \*\*Charging\*\*: USB-C fast charging, fully charged in 1.5 hours

## Additional Features

- \*\*Photo/Video Capture\*\*: Voice-command enabled

- \*\*AI Assistant\*\*: Provides answers as audio or visual overlay

- \*\*Privacy Mode\*\*: Quick toggle to disable cameras and microphones

## Compatibility

- \*\*OS Support\*\*: Compatible with iOS and Android devices

## Pricing and Availability

- \*\*Price\*\*: $999

- \*\*Release Date\*\*: Available for pre-order now, shipping starts next quarter

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The OptiLens-1 smartglasses are designed to enhance your daily life by integrating digital convenience with real-world interaction, all without compromising on style or comfort.