

SIGHTCARE

CloverAir

Professional AR Glasses for Low Vision



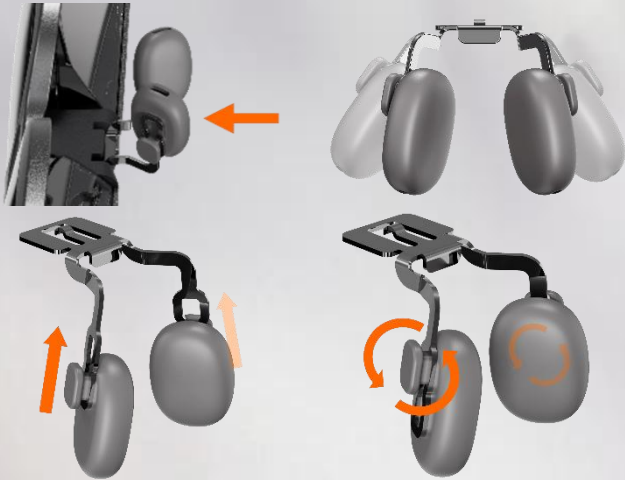
NEW

Lightweight Modular AR Assistive Glasses

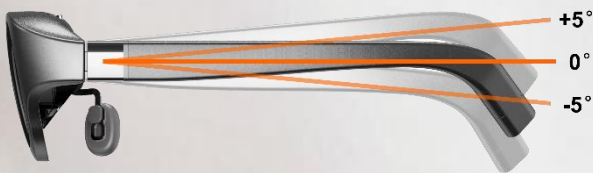
FEATURES

Flexible Eyewear Fitting

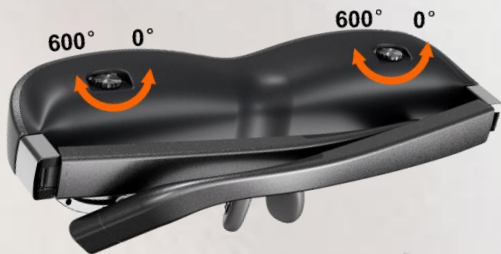
Flexible and versatile eyewear fitting components to accommodate different face shapes and vision needs.



Up to 12 adjustable nose pad positions



Adjustment of the temple angle within ± 5 degrees



Myopia diopter adjustable from 0° to 600°



Magnetic sunshade, blocks stray light, prevents glare

Unique Dual-camera Design

The front main camera captures visual information such as text and objects and processes it through algorithms to achieve image magnification, contrast enhancement, and color optimization.



The close-up camera provides a new experience that allows you to read and write on the desk without lower the head.

Unrestricted Portability

Modular design that separates the computing unit, battery, and display optical module into two independent parts. The weight of the foldable glasses part is controlled to about **80** grams, and the heat generation is well regulated to no more than **35** degrees, improving the long-term wearing comfort.

At the same time, the built-in battery of the visual processing box can also achieve a battery life of about **7** hours.



FEATURES



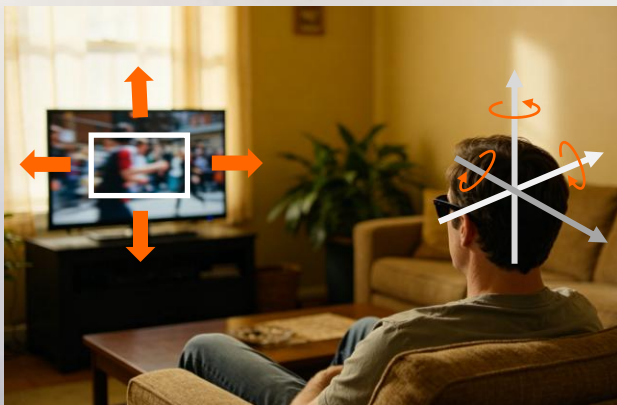
Comprehensive Functionality

Equipped with various visual aid features and functions commonly found on traditional video magnifier. In addition, it is equipped with OCR/TTS, mobile screen mirroring, external HDMI input, Bluetooth audio and a variety of other interfaces to seamlessly meet the daily needs of visually impaired person.

The standard operation mode and the simplified operation mode can be switched. The simplified operation mode disables most combo key functions as well as other complex features such as image freeze, saving, line mask, live panning, opening files, and OCR/TTS.

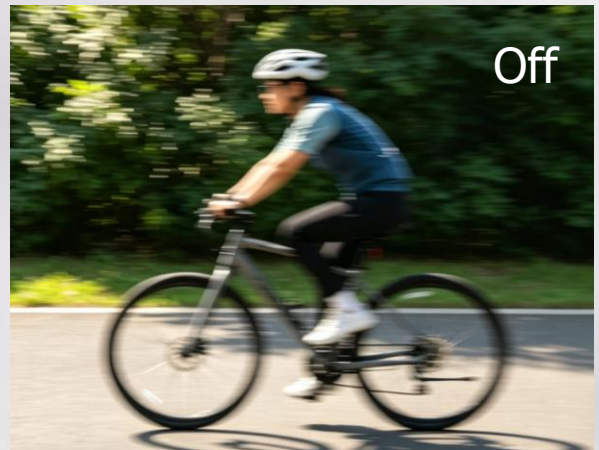
Head Movement Tracking

Glasses capture head posture, angle, and position changes in real time, and the enlarged image on the screen moves accordingly.



Camera Image Stabilization

Built-in image stabilization algorithm to reduce image shake caused by slight movements when worn normally on the head (especially when viewing enlarged images)



SPECIFICATION

Optical system:	AR Birdbath
Field of view:	FOV43°@0D
Eye box@ Eye relief:	10*7mm@12mm
Diopter:	-6D ~ 0D
Display panel:	0.49-inch Mirco-OLED, 1920*1080
Perceived brightness:	100 to 400 nits adjustable
Interpupillary distance:	53 to 73 mm
Main camera:	Standard 48MP
Close-up camera:	Telephoto 24MP
Magnification:	Near: 1.2x - 30x; Distance: up to 30x
Color mode:	Nature color; Edge mark; False color
Connection:	SD; Lightning; HDMI IN; Bluetooth
Battery:	6000 mAh Li battery; 7 hours duration
Power Adapter:	Input: 100-240V; Output: 5V/3A
Weight:	≤ 80g (Head-mounted Glasses) ≤ 180g (Visual Processing Box)
Dimension:	≤ 155*57*48mm (Glasses folded) ≤ 155*168*48mm (Glasses unfolded) ≤ 160*53*21mm (Box)
Certication:	CE; FCC; RoHS