AR smart glasses G9M BirdBath

Product manual

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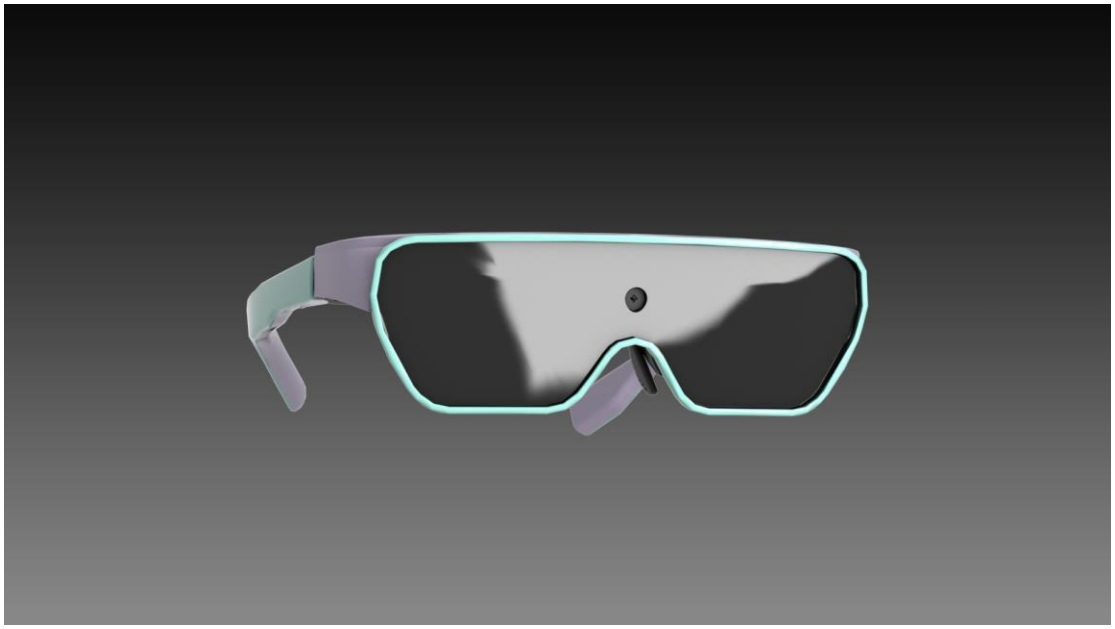
I、Product overview

G9M is a pair of binocular AR smart glasses, using BB optical solution, extremely light, small and portable body only 90g, 1080p binocular full HD, image texture is delicate, high-definition private giant screen viewing, 90 inch giantscreen experience wearing near the eyes.

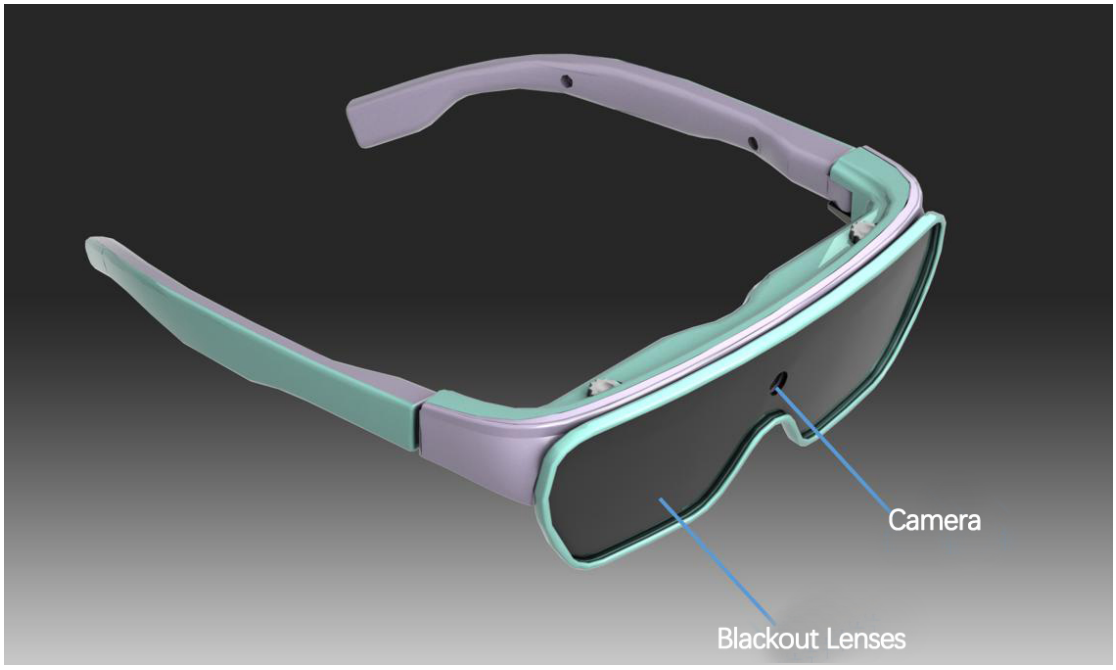
II、Product Features

Core features	
1	Full HD 1920*1080P@60Hz display
2	Infrared sensor
3	Gyroscope
4	13M camera
5	0-500 degree diopter is adjustable to meet myopic viewing
6	Adaptive glasses legs, elastic wear, adapted to all spec of head circumference

III、Exterior design



Drawing 1 Physical drawing



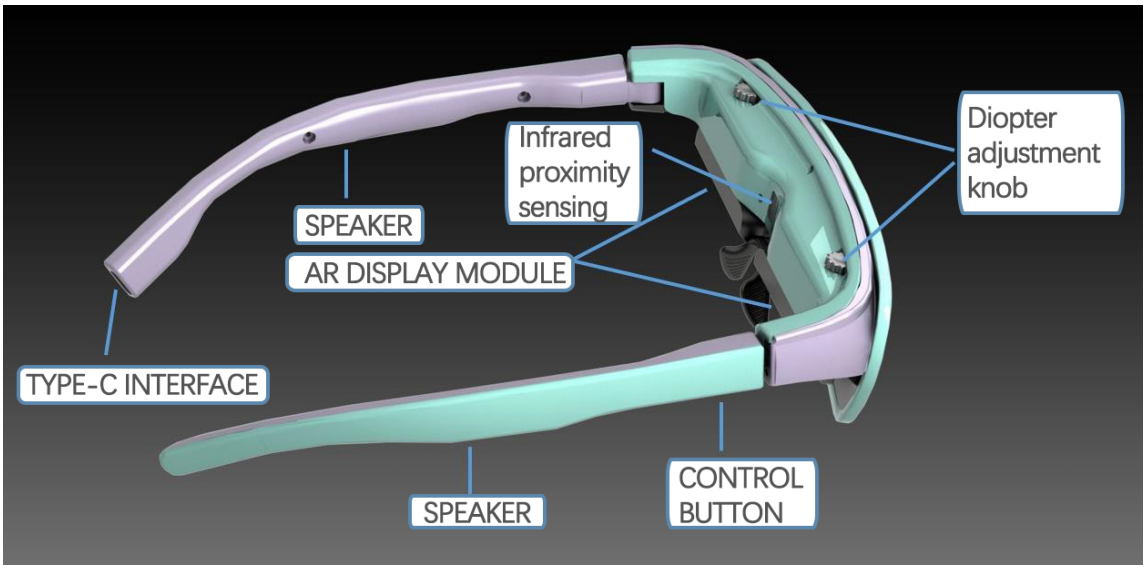
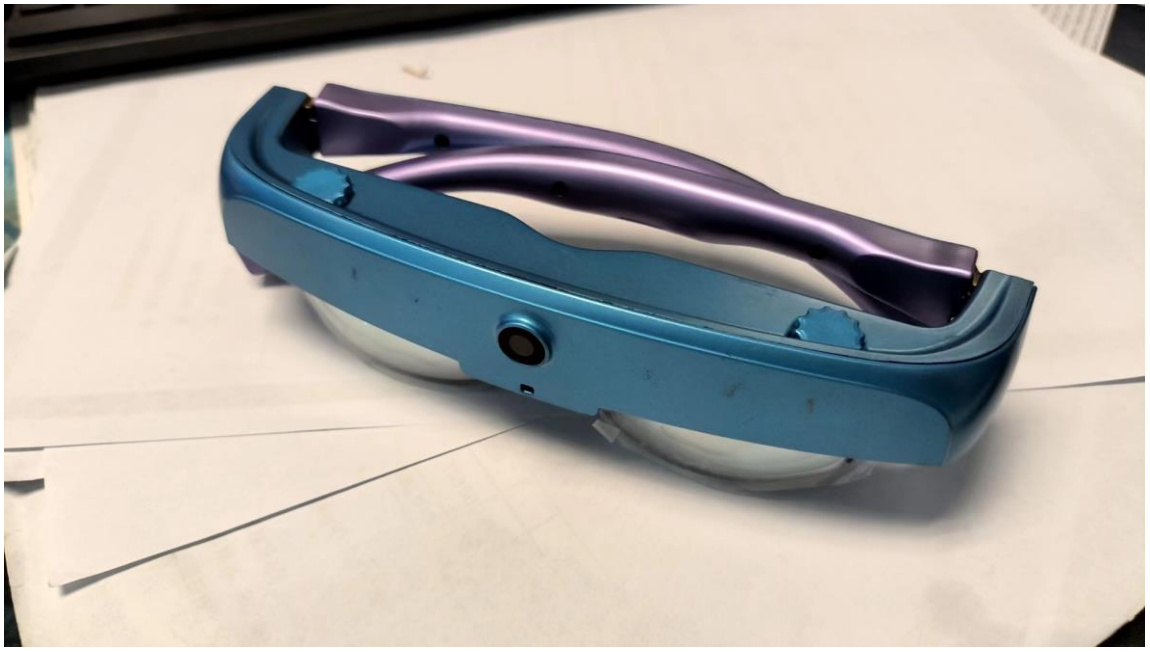
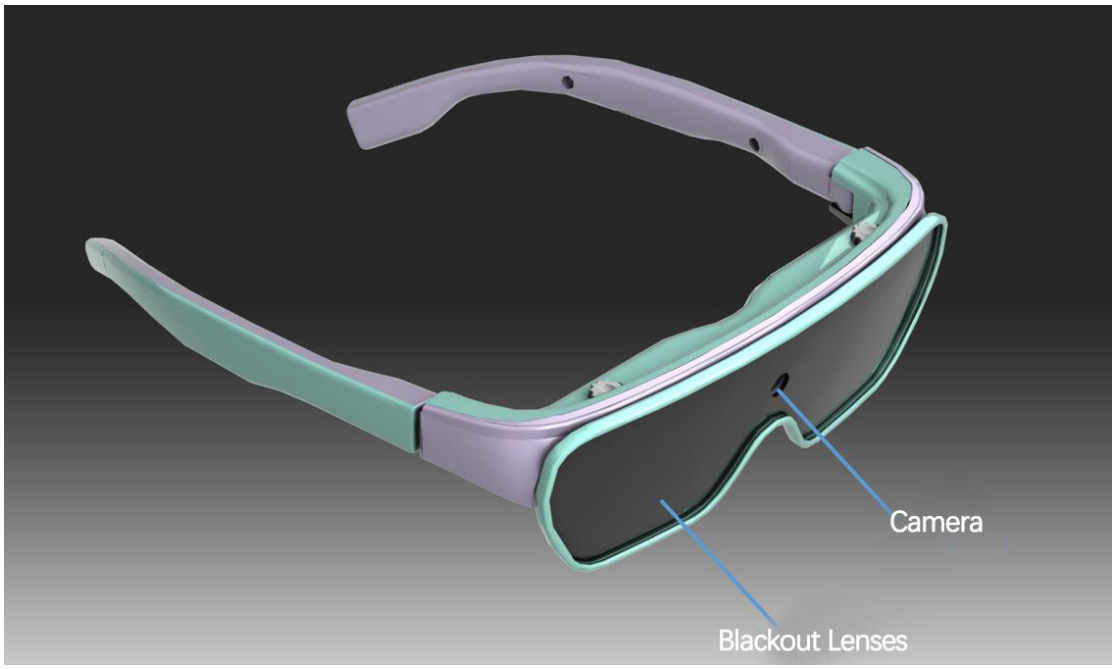
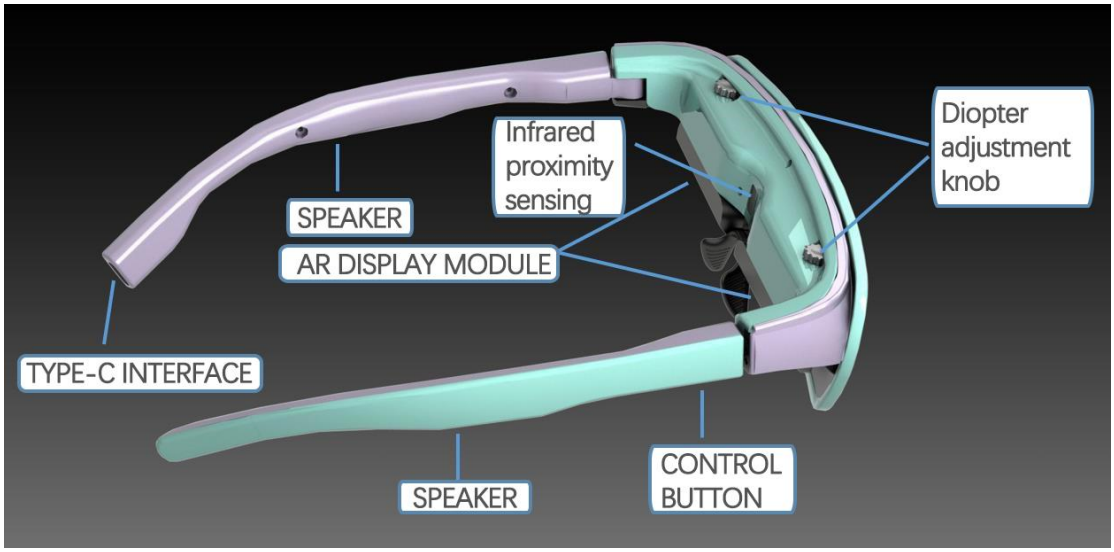


Figure 2 Structure design drawing




Camera
Blackout Lenses


Diopter adjustment knob
Infrared proximity sensing
SPEAKER
AR DISPLAY MODULE
TYPE-C INTERFACE
SPEAKER
CONTROL BUTTON

IV、Specification parameters4.1 Structural Specifications

Table 1 Structural parameters		
Serial Number	Category	Specific description
1	Exterior dimensions	193*160*48mm
2	Weight	102g
3	Use the environment	The temperature is -20℃ to 55℃ and the humidity is less than 90%

4.2 Hardware Specifications

Table 2 Hardware specifications		
Serial Numb	categ o ry	Specific description
1	Hardware platform	Dragon LT7911D
2	Horn	Double horn/stereo sound
3	Camera	IMX258 Autofocus/prime focus (one of two)
3	AR screen	BB Binocular Scheme 0.49 inch OLED PPD53
		Screen resolution: FHD1920*1080P@60Hz (RGB full color) 24-bit true color (16.77 million colors) Contrast ratio 100,000:1
		FOV: 43°, projection distance 3 meters presents about 90 "screen display
4	Display keys	
5	Infrared sensor	Support (Turn display on and off)
6	Gyroscope	Support

7	Myopia adaptation	Binocular independent diopter adjustable, adjustable range 0-500 degrees
8	Interfaces	Type-C interface to connect smart devices (DP data cable)

V、Parts list

Serial number	Items	Units	Quantity	Remarks
1	AR smart glasses	Taiwan	1	
2	Instruction manual, warranty card,certificateofconformity	Set of	1	
3	A Type-C data cable that supports DP videotransmission	article	1	
4	Glass cleaning cloth	zhang	1	
5	The box	Set of	1	