aRdent smart glass

Low-power

Thanks to its lite-tech approach, the aRdent smart glasses benefit from low power consumption, ensuring long-lasting use. The removable battery eliminates the concern of running out of power on the field. When it's time to change, just grab another battery.
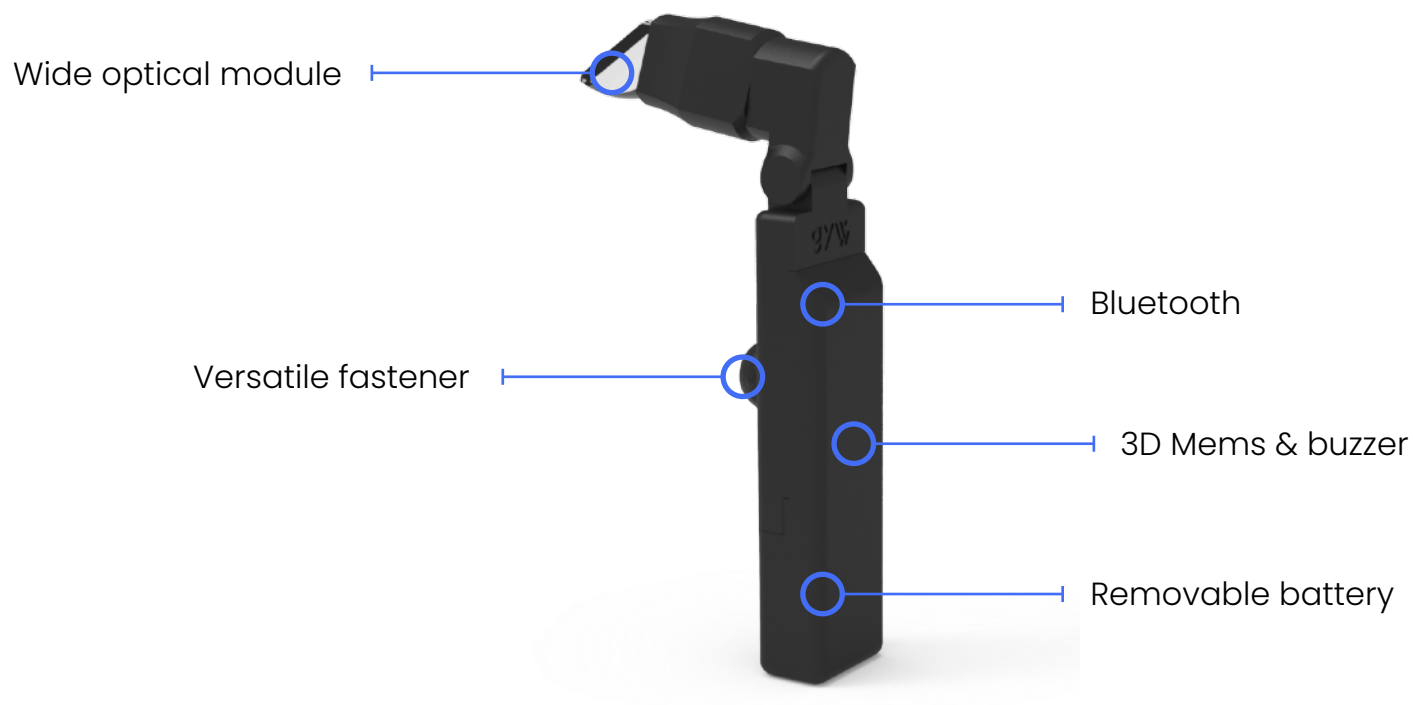
Easy control

Take the control of the aRdent glasses from any device with Bluetooth connectivity, such as a smartphone or a computer. It uses Bluetooth Low Energy, which provides a reliable and an energy-efficient communication. Whether you're an expert or a fan of connected devices, the Bluetooth API will let you put your amazing ideas into practice.

Comfort

Weigthing only 50 grams, the device is perfect to be worn all day long. The device is sold with an adjustable headband that fits all head sizes and shapes. It can be worn over glasses and under helmets. The device can also be attached to a cap or a helmet for more convenience. With aRdent, comfort and security are always a top priority !

A screen connected by Bluetooth

Wide optical module

Versatile fastener

Bluetooth

3D Mems & buzzer

Removable battery

Product specification

Mecanical	Weigth (without headband)	50 g
	Dimension (width - length - height)	15,7 x 125 x 53 mm
	Degrees of freedom	4
	Fastner	Ball joint
	Position	Safety for unobstructed view
Optical	Resolution	WVGA 854x450
	FOV	20 degrees diagonal
	Active area	7.13 mm x 4.03 mm
	Encoding	16-bits color
	Light intensity	1300 nits
Connectivity	Bluetooth	4.2
	Data rate	Up to 1.3 kBps
Display	Images	PNG, JPEG
	Text	TTF
API	Supported languages	Python, Flutter
General	CPU	cortex-A9 core, Max. 528MHz
	SRAM interne	4 MB
	Flash memory:	64 MB
Battery	Type	Lithium Polymer
	Capacity	420 mAh
	Charge current	300 mA
	Removable	Fast swap
	Power path	
Sound	Buzzer	
3D Mems	3D accelerometer	
	3D gyroscope	