Product identification

Field	Details
Product name	**SparkVision Glasses 2 Ultra**
Model/type	**SparkVision Glasses 2 Ultra**
Product category	**Non-medical assistive consumer product**
Accessory included in package	**SparkVision Smart Ring**, supplied as a compatible control accessory with this SparkVision package.
Companion app	**SparkVision Assistant for Android**
Product identifier	Serial number, product ID, batch number, Glasses ID, or another product identifier appears on the product packaging, in the app, or in accompanying documents.
Manufacturer	**"SPARK VISION IS" Ltd.**
Manufacturer address	Sofia, 1164, Lozenets district, "Krum Popov" 1 str., Bulgaria
VAT	**BG206677712**
Website	https://sparkvision.tech
EU Declaration of Conformity	SparkVision Glasses 2 Ultra EU Declaration of Conformity

Intended use

SparkVision Glasses 2 Ultra are a non-medical assistive consumer product. The product captures visual and audio information, processes selected information locally or through the SparkVision Assistant app and SparkVision services, and provides spoken output to support everyday access to information.

This product is not a medical device. It is not intended to diagnose, prevent, monitor, treat, alleviate, or compensate for disease, injury, or disability. It is not a safety device, navigation device, emergency device, payment-verification device, food-safety device, or tool for legal or financial decisions.

The product is intended for people who want spoken access to visual information, including users with visual impairments. Use by children or vulnerable users should be supervised by a responsible adult or caregiver.

Package contents and compatible accessories

The SparkVision Glasses 2 Ultra package includes the SparkVision assistive software configuration and the SparkVision Smart Ring control accessory.

The standard glasses package includes:

- SparkVision Glasses 2 Ultra.
- One pair of nose pads.
- Glasses storage case.
- Magnetic charging cable.
- SparkVision Capsule Battery, 1700 mAh external battery.
- User manual or product information.

The SparkVision package also includes SparkVision Smart Ring and any charging or fit accessories supplied with that package.

The SparkVision Smart Ring package includes:

- Hard travel pouch with zipper.
- Five elastic rings for different finger sizes.
- Portable ring protector.
- Fast-charging clip, with full ring charging in approximately 60 minutes.
- 1 m USB-A to USB-C charging cable for the charging clip.
- SparkVision Smart Ring module with supplier-declared IP67 water and dust protection.

The bundled 1700 mAh SparkVision Capsule Battery adds up to 6 extra charges, keeping your glasses light while extending runtime to up to about 12 hours.

Technical specifications

Specification	Details
Hardware platform	Snapdragon AR1 Gen 1 / RT600 MIMXRT685SFAWBR.
Wireless interfaces	Wi-Fi 6 and Bluetooth 5.3.
Weight	Approximately 38.5 g for glasses hardware.
Hinge-to-hinge width	149 mm.
Lens height	50.6 mm.
Lens width	53 mm.
Bridge width	21 mm.
Temple length	157 mm.
Field of view	30 degrees.
Eye relief	18 mm.
Battery	Rechargeable lithium-ion battery, 210 mAh, not user-replaceable.
External battery	SparkVision Capsule Battery, 1700 mAh, up to 6 additional charges for up to about 12 hours of use.
Camera	Sony IMX681 12 MP camera, 3024 x 4032 resolution.
Camera focal distance	1.9 m.
Camera aperture	F 2.25.
Camera field of view	H: 77 degrees, V: 94 degrees, D: 109 degrees.
Camera autofocus	Not supported.
Camera depth of field	Approximately 34 cm to infinity.
Camera tilt	3 degrees inward.
Memory	2 GB RAM, 32 GB storage.
Audio input	Directional microphone array, four microphones.
Audio output	2 x AAC 0920 speakers.
Controls	Temple button, touch slider, and SparkVision Smart Ring.
Water/dust protection	No SparkVision-declared IP protection rating for the glasses package unless stated on the product label or in sales documents.
SparkVision Smart Ring water/dust protection	Supplier-declared IP67 protection for the ring module. The charging clip is not water resistant.

Radio parameters and conformity

The product uses wireless interfaces for Bluetooth pairing, SparkVision Smart Ring control, data transfer, and companion-app connection. Use the product only in countries and regions where these radio interfaces are permitted.

"SPARK VISION IS" Ltd. declares that the radio equipment type SparkVision Glasses 2 Ultra conforms to Directive 2014/53/EU and other applicable EU requirements when used as intended and according to the user manual.

Warranty and support

- Commercial warranty: 24 months from product delivery, unless different terms are stated in the purchase documents.
- The warranty covers manufacturing defects during normal use.
- The warranty does not cover misuse, unauthorized repair, water damage, impact damage, normal battery wear, unsafe chargers, or incompatible accessories.
- Keep the purchase document, serial number, Glasses ID, account/licence information, and service correspondence.
- SparkVision handles warranty and support for the SparkVision package. Hardware safety assessment or repair is performed by SparkVision, through a qualified Rokid hardware-service route or another authorized service center coordinated by SparkVision unless otherwise stated in the purchase documents.
- This commercial warranty does not affect statutory consumer rights under applicable law.

Service and contacts

Field	Details
Support email	customer.support@sparkvision.tech
Website	https://sparkvision.tech