

SPARK-G

Night Vision Goggles



Armasight Spark-G night vision goggle systems built around CORE (Ceramic Optical Ruggedized Engine) image intensifier tubes. Unlike Gen 1 Image intensifier tubes, which are fragile because they are made from glass, CORE™ IITs are made just like Gen 2 and Gen 3 – by fusing metal alloys with ceramic compounds. CORE™ technology is based on durable elements and allows tight component stacking, resulting in image tubes that are exceptionally shockproof and vibration-resistant. Robust packaging protects easy-to-break protrusions common in Gen 1 tubes, and allows for a streamlined design that is lighter, more compact, and more reliable than average night vision devices.

The CORE™ platform offers 'best in class' resolution with 60-70 lp/mm and an increased photocathode sensitivity level of upwards of 400µA/lm, providing high image quality even in difficult ambient light conditions, rivaling high-end Gen 2 image tubes.

The Armasight Spark-G is a rugged and lightweight night vision monocular. The Armasight Spark-G come complete with headgear, which allows the unit to be mounted for hands-free operation.

- Ⓐ **Compact, rugged design**
- Ⓐ **Weapon mountable**
- Ⓐ **Head or helmet mountable for hands-free usage**
- Ⓐ **Ergonomic, simple, easy to operate controls**
- Ⓐ **Utilizes single CR123A lithium battery**
- Ⓐ **Adaptable for use with cameras**
- Ⓐ **Built-in Infrared illuminator**
- Ⓐ **Limited two-year warranty**



Generation	CORE Technology
Magnification	1x
Lens system	F1.7, 35 mm
Field of view	30°
Focus range	0.25 m to infinity
Diopter adjustment	+5 to -5
Exit pupil diameter	8 mm
Eye relief	20 mm
Power Supply	CR123 Lithium 3V (1) or CR123 type rechargeable batteries with voltage 3.2V (1)
Battery life	Up to 40 hours
Infrared Illuminator	Yes
Environmental Rating	Water Resistant
Operating temperature	-40°C to +50°C
Dimensions	159 x 49 x 82 mm / 6.3" x 1.9" x 3.2"
Weight	0.37 kg / 0.8 lbs