

Core clip-on Spark

Night vision Clip-On System



The Core clip-on Spark is one of the most advanced and universal night vision clip-on systems in its class. Core clip-on Spark stands above the competition when it comes to clarity, versatility, reliability, function and value. Built around CORE (Ceramic Optical Ruggedized Engine) technology image intensifier tubes. While CORE does not contain a micro channel plate (and so by definition lands in the Gen 1 category) that is where the parallels end. Instead of glass, CORE tubes use a specially formulated ceramic compound fused with metal alloys similar to those used in production of Gen 2 and Gen 3 image intensifier tubes. Further advances in CORE have almost removed edge distortion, dramatically increased photosensitivity and most importantly, almost doubled resolution up to 70 lp/mm! The Core clip-on Spark is designed to be mounted in front of commercially available Day-Time Binoculars & Spotting Scopes, in order to convert existing day-time optics into night vision and provides excellent night time performance to most demanding wild life enthusiasts. Built using the latest advancements in Night Vision technology, the Core clip-on Spark can convert all your day-time optics into day/night system in matter of minutes. The Core clip-on Spark allows the user to maintain consistent eye relief and because the user views through his regular day-optics (which he is familiar with), no re-training or acclimatization is required. Recommended for use with day systems of up to 5-7X magnification.

- **CORE Technology**
- **Simple and Quick conversion of daytime system to Night Vision device**
- **Mounts in front of any daytime binocular, spotting scope**
- **Powered by a single 3V CR123A lithium battery**
- **Fast Catadioptric Front Lens System**
- **Shock protected, all-glass IR transmission multicoated optics**
- **Detachable long-range infrared illuminator**
- **Water and fog-resistant design**
- **Limited Two-Year Warranty**

SPECIFICATIONS

Image Tube	CORE Technology
Magnification	1x
Lens system	F1:1.44, 80mm
Field of view	13°
Focus range	10 m to infinity
Exit Pupil	21 mm
Controls	Direct
Remote Control	Yes (Wireless)
Infrared Illuminator	Detachable Long Range IR Illuminator
Low Battery Indicator	Yes
Power Supply	CR123 Lithium 3V (1) or CR123 type rechargeable batteries with voltage from 1.2V to 3.2V (1)
Battery life	up to 40 hours
Environmental Rating	Water and fog-resistant
Operating temperature	-40°C to +50°C
Dimensions	190 x 98 x 84 mm / 7.5" x 3.2" x 3.2"
Weight	0.92 kg / 2.0 lbs

