



GEM G2S

Enhanced Surveillance and Situational Awareness

The compact GEM G2S is a multifunctional imaging device that upgrades the GEM III cradle (sold separately) to a day/night Short Wave Infrared (SWIR) imager. The GEM G2S provides operators with SWIR capabilities including:

- See through haze, smoke & dust for enhanced long range ISR
- Image SWIR markers and beacons
- Enhanced situational awareness
- Interchange SWIR and image intensifier (I²) monocular in field conditions without tools

The GEM G2S has the capability to be used in multiple configurations. These include a DSLR camera, spotting scope, handheld monocular, video camera, video scope, point-and-shoot camera, and RECCE camera. The optional covert SWIR laser illuminator mounts directly onto the hot shoe of a DSLR camera and enables ID-quality SWIR imagery even in complete darkness.

The GEM G2S provides distinct advantages over other available technologies. Bright lights and flashes will not degrade performance and unlike thermal infrared imagers the GEM G2S can image through glass. The GEM G2S design provides unparalleled capability in a lightweight, compact package.

For additional information:

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Model No: Warrior G2S Doc. No: 4110-0372 Rev. 4 March 2017

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FEATURES

- **Compact:** 4.0 x 3.1 x 3.3 inches (L x W x H) with battery pack
- **Lightweight:** < 1.5 lb with battery pack (excluding GEM III cradle)
- **Enduring:** >3 hours continuous operation at room temperature in SLR mode
- **Modular:** Easily swappable from camera to camera, interchangeable lenses*
- **Sensitive:** Lowest light imaging capability available in SWIR viewer (0.9 to 1.7 μm)
- **Detailed:** 640 x 512 resolution, 25 μm pitch
- **Versatile:** Multiple configurations for a variety of missions, built-in Handheld Mode for use as a standalone SWIR imager

*The GEM G2S has been tested with Mark II and Mark III versions of the Canon 5D



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