

HELIOS™ - UAV BEACON



Actual Size

Helios™ is a small, omnidirectional signal beacon specifically created for Unmanned Aerial Vehicle's (UAV), micro-UAV's, and Drones. Installed, Helios can broadcast a Flashing or Constant ON, visible or infrared, signal assisting in the tracking and recovery of these vehicles.

Helios is intended for OEM installation on UAV's, and Drones. Once installed and integrated, remote operators will be able to choose between Constant ON and Flashing signaling, as well as, select between visual signaling (Red, Green, Blue or White), and covert Infrared signaling. If multiple Helios are installed, flashing patterns between Helios beacons can be synchronized reducing incidences of confusion when multiple drones are simultaneously deployed.

Weighing only 8 grams, the Helios has been designed for extreme and high-altitude environments. Its bright signal can be seen at ranges in excess of 1,500 meters.

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| Weight: | 8 Grams 0.28 Ounce |
| Size: | 28.5mm x 12.7mm 1.12in x 0.5in |
| Construction: | Resin sealed polycarbonate |
| Light Output: | 2x16 LED's |
| Visual Coverage: | 360 degrees x 180 degrees (Full Hemisphere) |
| Operational Modes: | Fixed Flash Rate ~1.2 seconds, User Configured Flash Rate or Constant ON |
| Power Input: | 8-30 Volts, 1 Watt |
| Control Inputs: | Power, Light Color, Signal Type (Flashing or Constant), and Synchronization |
| Mounting: | 1x 4-40 flat head screw and gasket |
| Environmental: | IP65 sealed, MIL-STD 810 impact / Shock compliant—100G's |
| Options: | Each Helios has Two color options. Part Numbers and options are provided below: 903408IRB - Helios™ Beacon IR/Blue LED 903408IRG - Helios™ Beacon IR/Green LED 903408IRR - Helios™ Beacon IR/Red LED 903408IRW - Helios™ Beacon IR/White LED |

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ATTENTION: ANY PRODUCTS USING INFRA RED LIGHT EMISSIONS [850 NM OR ABOVE] REQUIRE STATE DEPARTMENT APPROVAL AND A LICENSE TO EXPORT OUTSIDE THE UNITED STATES.



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