

PORTABLE THERMAL BEACON (PTB)



The Portable Thermal Beacon (PTB), (910712) is thermal signaling beacon designed for vehicle installation and crew operations. Transmitting in the 2 to 5 and 8 to 12 micron ranges, the PTB generates rotating flashing signal, providing a full 360 degrees of signal transmission allowing the beacon to be used for Air-to-Ground and Ground-to-Ground operations.

The PTB is powered by any DC power source ranging from 10 to 32 volts making it ideal suited for vehicle applications. Alternatively the beacon can be powered from communications batteries for dismounted use. A small signal LED is included to provide the user with a visual confirm that the beacon is working correctly. An integrated shield is also provided to protect the strobe when not in use or during transport. The beacon can be tripod mounted or fitted to the included Vehicle Mounting Base.

The Portable Thermal Beacon Kit includes a Hardigg Storm Case iM2075, Vehicle Mounting Base and Portable Thermal Beacon with one meter power cable and user instructions.



Beam Format:	Conical. Rotating in the horizontal plane about the vertical axis with a rotational period of approximately 1.5 seconds.
Beam Type:	Thermal signature transmitting in the 2 to 5 and 8 to 12 micron range.
Beam Angle:	Conical, 30 degrees included angle (90% power emission zone).
Viewable Range:	250m to 10 Km dependent on the type of Thermal Sensor.
Beacon Weight:	2.14 lbs 975 grams (depending on configuration).
Beacon Dimensions:	2.36" x 7.56" 60mm x 192mm
Beacon Construction:	Machined aluminum – Black Anodized.
Power Supply:	+/- 10 to 32 volts (reverse polarity protected) with Transient protection to +/- 200 volts.
Power Consumption:	10 Watts total power consumption maximum
Mounting:	Tripod: 3/8 UNF (with 1/4 UNF adaptor) camera thread base (standard), Flange mount base (standard).
Options:	Portable Thermal Beacon Kit (910712) includes a Hardigg Storm Case iM2075, Vehicle Mounting Base and Portable Thermal Beacon with one meter power cable and

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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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