



# I2™ Thermal/Visible/SWIR/NIR Smart Beacon

## Individual Thermal/NIR Information Beacon

Designed for Identification of Friend or Foe (IFF), Communications (Information), Search and Rescue (SAR) and related applications, the I2™ Long Range Information 2-Bank Beacon offers unprecedented range-of-use including large solid angles enabling visibility from air and ground/surface platforms. The I2™ is compatible with issued clip-on/handheld and tripod-mounted imagers, as well as appropriate air and vehicle platform-based imagers and is capable of transmitting additional information.

I2™ can be custom configured with any 2 emitter banks from:

- MWIR 3-5 micron
- NIR 900-1000 nm
- LWIR 8-12 micron
- Any Visible color
- SWIR 1200-1700 nm

<b>Field of View</b>	Full hemispheric divergence + 360° Az, -20 to +90° El
<b>Beacon Wavelength</b>	Any two of MWIR 3-5 micron; LWIR 8-12 micron; SWIR 1200-1700 nm; NIR 900-1000 nm, and Visible spectrum
<b>Range</b>	>3 km
<b>Communications</b>	ID and information communications in all modes
<b>Receiver</b>	Optional receiver for communications
<b>Size</b>	50 x 50 x 32 mm
<b>Weight</b>	<80 g
<b>Power</b>	Battery pack or vehicle power
<b>Mounting</b>	Helmet or vehicle mounts



I2™ with LWIR and MWIR bands

I2™ with MWIR and NIR bands

