



# Trilobyte Helmet Light Gen2 <sup>TM</sup>

## Programmable Beacon, IR & Visual Output Modes

2.5oz (72g) w/ Battery



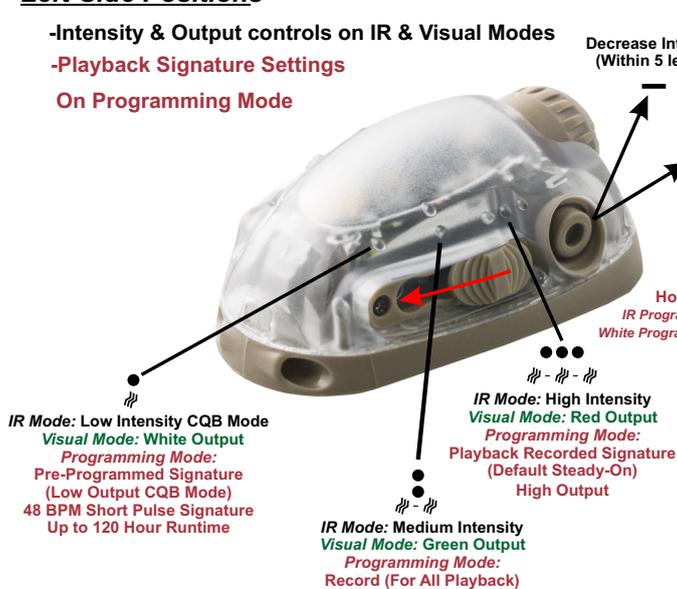
**PRODUCT NUMBER: 02902**

Tan Model Shown (02902-TAN)



### Left-Side Positions

- Intensity & Output controls on IR & Visual Modes
- Playback Signature Settings
- On Programming Mode



## TECHNICAL SPECIFICATIONS

**BATTERY SOURCE**  
**ATTACHMENT METHOD**  
**HOUSING COLORS AVAILABLE**  
**HOUSING MATERIAL**  
**HOUSING FINISH**  
**DOME LENS MATERIAL**  
**OPERATING TEMPERATURE**

**STORAGE TEMPERATURE**

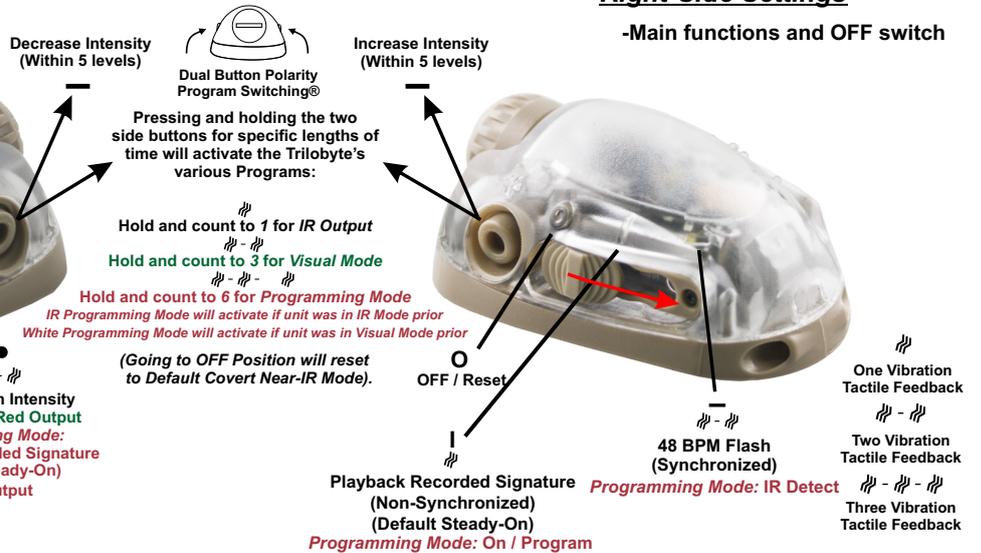
**ENVIRONMENTAL SEAL**  
**WATERPROOF RATING**  
**VISIBILITY RANGE**

One (1) AA Lithium (1.65Vdc) or AA Alkaline (1.5Vdc)  
 3M Dual Lock (Installed on Base of Unit)  
 Black and Tan  
 High Impact Lens with Shock Absorbing Polymer Base Matte  
 High Impact Polycarbonate (Textured)  
 -40 to +60°C with AA Lithium; -20 to +60°C with Alkaline or Rechargeable AA  
 -40 to +60°C with AA Lithium; -20 to +60°C with Alkaline or Rechargeable AA  
 Hermetically Sealed Unit with Removable Battery Cap Ip68  
 Up to 5km on High Intensity (Visual or Near IR) on a clear dark night (with no moon or contrasting backlighting)



### Right-Side Settings

- Main functions and OFF switch



*\*IR Detect Function: Product will vibrate 5 times and flash for 5 seconds when exposed to a Near-IR Wavelength*



## Compatible with Adventure Lights Merlin System

*We manufacture all of our products in-house and our policy is to build strong working relationships with our clients to provide customized solutions that fit their specific needs. If there is a specific product configuration which matches your requirements do not hesitate to get in touch. We will be happy to assist.*



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Programmable Beacon, IR & Visual Output Modes

## Technology



### Dual Button Polarity Program Switching®

Separates groups of functions that can be switched between by holding down the two side buttons for specified periods of time.



### MultiVibe™ with Positive Tactile Feedback

Product has raised position indicators for easy tactile feedback with fingers in gloves. Product also has vibrating feedback for each position (vibrates once for position 1, twice for position 2, etc.)



### Low Battery Indicator

Trilobyte will indicate when battery source is running low by providing two quick vibrating pulses every 5 seconds.



### Mockingbird® Technology

Allows users to record and playback their own unique flashing signatures with any external light source containing a near-IR wavelength, including sunlight.



### AutoSync™ Synchronized Flashing Patterns

Any beacon of the same model will flash in unison when set to specific synchronized flashing functions (Position II on the Right Side Controls, in this model).

## Accessories (Sold Separately)

### Turtle Mount



Feature rich with ports to connect to our *Universal Mount™*, MOLLE compatibility for attaching to vests, backpacks, etc... cavities for securing with nails or screws and a quick release nub.

### MOLLE Pouch



Our modular pouches with rear lash points, exterior and interior loop surfaces, inside pocket and a quick release strap can securely hold the Trilobyte™ and a spare battery, with leftover space if needed.