

HEL-STAR 6®

Helmet-Mounted Light (Multi-Function)



HEL-STAR 6® Gen III is the latest in the series of HEL-STAR marker lights designed specifically for helmet-mounting for airborne, MFF, and ground tactical operations. Gen III matches the fit and function of earlier models while providing a streamlined package design and advanced electronics. Available in tan or black.

HEL-STAR 6® Gen III continues to provide up to four user-defined functions in two selectable operating modes in virtually any combination of white, green, blue, red, amber and IR, each in either steady, flashing or IFF coded operation.

Field reprogramming option is available upon request. Requires the purchase of a Programming Interface Module (PIM).

HEL-STAR 6® Gen III Advantages

- **Safety** - The unique battery access design provides a curved profile on all sides, minimizing snag hazard. Velcro® attachment provides emergency peel-away from helmet to reduce potential for snag-related injury.
- **Versatility** - Up to four user-defined functions are available in a range of visible colors and IR signals, either flashing, coded or steady.
- **Visibility** - Omni-directional. Intensities can be scaled up or down for special requirements. White flash exceeds FAA 3-statute mile requirements.
- **Simple, Secure Operation** - Switches are designed for positive operation by a gloved-hand, in the blind, with the helmet donned. Mode selection switch design options provide operational flexibility or strong security between overt and covert operating modes.
- **Operating Extremes** - HEL-STAR 6® Gen III is shock and vibration resistant, dustproof and open sea waterproof to 130 fsw (laboratory 300+ feet).
- **Status Confirmation** - Switch design provides visual and tactile confirmation of ON/OFF and operating status with no guesswork; visual confirmation prevents inadvertent battery discharge in the IR operating mode.
- **Easy Battery Replacement** - The single CR123 cell can be replaced in the field, quickly, without special tools.
- **Field Reprogramming** - Color, flash rate, and light intensity can be reprogrammed with a wireless handheld device (PIM). A default feature returns the unit back to original factory settings.



U.S. Patent 8,534,861

CORE
SURVIVAL

CORE Survival, Inc. • 4241 116th Terrace North • Clearwater, FL 33762
Tel: 727.576.1700 • Email: info@coresurvival.com
www.coresurvival.com

HEL-STAR 6® Gen III

MODEL/PART NUMBER OPTIONS



Main Switch: 0=Off, Functions 1 & 2 · Nose Switch/Plug: ▲=Mode A, ▼=Mode B

| Model | CORE P/N | Mode A Functions | | Mode B Functions | |
|-----------|---------------------------------|--------------------------|----------------------------|------------------|---------------------------|
| | | A1 | A2 | B1 | B2 |
| HS-620 | HS-620-01 | GR (Steady/Dim) | GR (Steady/Dim) + WH (FL) | IR (Flash/Dim) | IR (Flash/Bright) |
| | HS-620-02 | GR (Steady) | GR (Steady) + WH (Flash) | IR (Flash) | IR (Flash/Bright) |
| | HS-620-03 | GR (Steady/Dim) | GR (Steady/Dim) +WH (FL) | IR (Flash/Dim) | IR (Flash/Bright+) |
| | HS-620-04 | WH (Flash) | GR (Steady) | IR (Flash) | IR (Flash/Bright) |
| | HS-620-06 | IR (Steady/Dim) | WH (Flash) | IR (Steady/Dim) | IR (Flash/Bright+) |
| HS-640 | HS-640-01 | GR (Steady) | GR (Steady) + WH (Flash) | IR (Flash) | IR (Flash/Bright) |
| | HS-640-02 | GR (Steady) | GR (Steady) + WH (Flash) | BL (Steady) | BL (Steady) + WH (FL) |
| | HS-640-03 | GR (Steady) | GR (Steady) + WH (Flash) | IR (Flash) | IR (Steady) |
| | HS-640-04 | GR (Steady) | RD (Steady) | IR (Flash) | IR (Steady) |
| | HS-640-05 | GR (Steady) | GR (Steady)+ WH (Flash) | RD (Steady/Dim) | IR (Flash) |
| | HS-640-07 | GR (Steady) | GR (Steady) + WH (Flash) | IR (Flash/Dim) | IR (Flash/Bright+) |
| | HS-640-08 | WH (Flash) | GR (Steady) | IR (Flash) | IR (Flash/Bright) |
| | HS-640-09* Rescue Model | GR (Steady) | GR(Steady)+WH(FL/Bright+) | IR (Flash) | IR (Flash/Bright) |
| | HS-640-10 | GR (Steady) | GR (Steady) + WH (Flash) | RD (Steady) | RD (Steady) + WH (FL) |
| | HS-640-11 | GR (Flash) | GR (Steady) + WH (Flash) | IR (Flash) | IR (Steady) |
| | HS-640-12 LE Model | GR (Steady) | GR (Steady) + WH (Flash) | RD (Flash) | Blue (Flash) |
| | HS-640-14* Fire/Rescue Model | GR (Steady) | GR(Steady) +WH(FL/Bright+) | BL (Steady) | BL(Steady)+WH(FL/Bright+) |
| | HS-640-17 | RD (Steady) | RD (Steady) + WH (Flash) | BL (Steady) | BL(Steady)+WH(Flash) |
| | HS-640-18 | GR (Steady) | GR (Steady) + WH (Flash) | IR (Steady/Dim) | IR (Flash/Bright+) |
| HS-640-28 | GR (Steady) | GR (Steady) + WH (Flash) | IR (Flash/Dim) | IR (Steady) | |

*Additional cost for Models HS-640-09 & HS-640-14 due to high-powered White B+. Other models available upon customer request.

Operating Options

| Color Code | Signal Type | Signal Intensity |
|-------------------|--|---|
| BL = Blue | S = Steady | Dim, Standard, Bright, Bright+ |
| GR = Green | F = Flash (60 fpm) | "Bright+" is significantly brighter than "Bright" ** Higher intensities shorten battery life |
| RD - Red | FN = NATO Flash (30 fpm) | |
| IR = Infrared | FX = Special Coded Flash (Morse Code or other) | All White Flash are "Bright" to meet FAA 3 statute mile visibility. |
| WH = White | P = Field Reprogramming Capability | Add "B" to the end of a part number to order HEL-STAR Gen III in a black body. |
| YA = Yellow/Amber | All units now have an integrated tie down | |

Models with IR are ITAR controlled and cannot be shipped or carried outside of the U.S. without written permission from the U.S. Dept of State.

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Email: info@coresurvival.com · www.coresurvival.com