

HEL-STAR Rail Strobe®

Overt/Covert Marker Rail Mount



HEL-STAR Rail Strobe® is a helmet-rail mounted visible (white) and IR synchronized strobe marker installed on both sides of the helmet—leaving the top of the helmet clear for reduced snag hazards and increased mobility.

CORE Survival was selected to work with Gentex as the launch provider of the rail-mounted strobe for their Next Generation Headborne System (NG-HBS), a fully integrated RaiLink™ system designed to provide power from a single battery source for all helmet-mounted kit including NODs, communications, and accessory lighting.

LH and RH Installation—A strobe module attaches securely to the rail on each side with two stainless steel screws. Communication to synchronize function of the two strobes is provided through the RaiLink™.

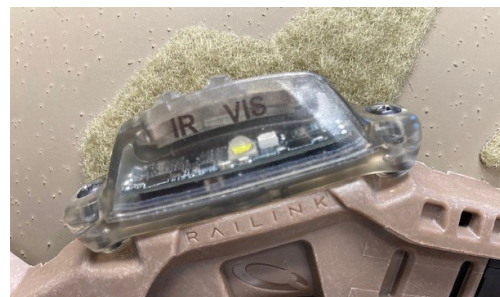
LH Side—The strobe module on the left side of the helmet has a single sliding switch which selects OFF (Pos. 0), Dim setting (Pos. 1) or Bright setting (Pos. 2). These settings operate in both Visible and IR modes.



RH Side—The strobe module on the right side of the helmet has two clear sliding switches which select visible (VIS) or infrared (IR) emission.

When both switches are back the IR function is selected; when both switches are forward, the VIS function is selected.

The switches must be moved separately to the desired operation function; the patented two-switch design is intended to block inadvertent switching between visible and IR functions.



HEL-STAR Rail Strobe® Advantages

- **Safety** - Low-profile design integrates with the helmet rail and curvature to reduce snag hazards.
- **Mobility** - Mounting the strobes to each side rather than the top of the helmet improves personal mobility by eliminating lighting from the top of the helmet.
- **Security** - Secure attachment to the helmet rail reduces the likelihood of loss during airborne or ground operations.
- **Versatility** - Provides both visible and IR signals in dim and bright settings.
- **Visibility** - Bi-lateral mounting ensures strobes are visible from all directions. Intensities in both visible and IR modes can be scaled up or down for special requirements.
- **Ease of Operation** - Familiar HEL-STAR® type switches provide positive operation and function identification with a gloved-hand, in the blind, with the helmet donned.
- **Operating Extremes** - Tested to assure shock, vibration, thermal and dust resistance and waterproofness.
- **Status Confirmation** - Switch design provides visual and tactile confirmation of operating status with no guesswork. A patented double safety switch precludes inadvertent switching from covert to overt modes.



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