

# SPAVER<sup>®</sup>

## IR Helmet Light



DESIGNED AND MANUFACTURED  
IN REPUBLIC OF KOREA



MIL-STD-810G

STANDARD  
MIL-STD  
810G

# Spaver Signaty IR Helmet Light

Next-generation IR Light  
developed with Korean technology

Manufacturer  
PostX Co., Ltd.



# Features

## Product Features

- **Material** : High strength polycarbonate dome cover material applied
- **Pattern** : Pulse pattern input and storage function (4 default, expandable)
- **LED** : White x 2, Tri-color (red/green/blue) x 2, Infrared IR x 4  
9 lamps of 5 colors, including 1 high brightness white x 1, etc.
- **Synchronization** : IR/LED has 5 groups of flashing functions and automatic synchronization, automatic/manual synchronization function by user (Autosync)
- **Output** : 4-stage low and high output selectable visible and invisible output function
- **Durability** : MIL-STD-810G temperature, vibration / IP68 / drop test completed
- **Firmware** : Near Field Communication and wireless firmware update method applied
- **Convenience** : One-hand operation function and operation vibration feedback, LED/IR SOS and flash function
- **Operation** : Up to 130 hours of operation with AA battery

## Product Test Performance

- **Brightness and duration** : Self-tested (LED 130 hours, IR 125 hours)
- **Drop** : KS C IEC 60068-2-31:2008 (1.5m)
- **Waterproof/Dustproof**  
KS C IEC 60529 IP68 Waterproof/Dustproof (1m 1hr)  
KS C IEC 60529 IPX8 Waterproof (10m 1hr)
- **High temperature storage/operation**  
MIL-STD-810G:2008 METHOD 501.5  
PROCEDURE I (23~63°C)/PROCEDURE II (23~43°C)
- **High temperature storage/operation**  
MIL-STD-810G:2008 METHOD 502.5  
PROCEDURE I (-33~23°C)/PROCEDURE II (-32~23°C)



Operation hours  
by mode

LED  
**130H**

IR  
**125H**

STANDARD  
MIL-STD  
810G

Mill-Spec Passed

2008 METHOD 501.5 / 502.5

Low  
**-32°C**

High  
**+43°C**

Vib.  
**Cat.4**



IP68 / IPX8 Tested

KS C IEC 60529 IP68

Dust  
**6**

Water  
**8**



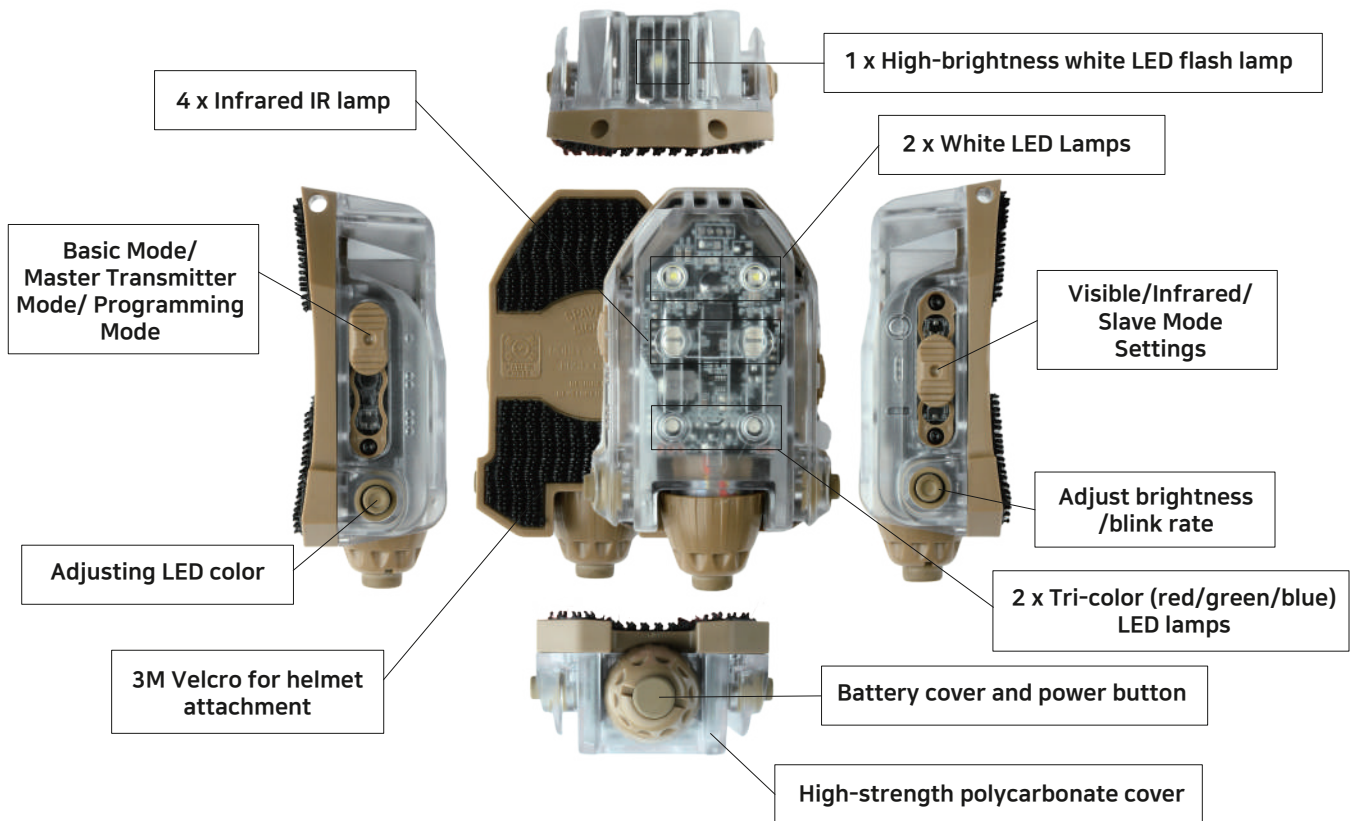
Drop Tested

KS C IEC 60068-2-31:2008

Height  
**1.5m**



# Functions



# Specification

<b>Product</b>	<b>Spaver Signaty IR Light (SPY-IRGB01)</b>
<b>Size/Weight</b>	<b>Approx. 90 x 33 x 59mm / 107g (AA Lithium battery, adapter included)</b>
<b>LED</b>	<b>White x 2, Tri-color (white/green/blue) x 2, Infrared IR x 4, High Intensity White x 1</b>
<b>Material</b>	<b>High-strength polycarbonate and more</b>
<b>Color</b>	<b>BLACK / COYOTE / OD</b>

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**STANDARD**  
**MIL-STD**  
**810G**

Manufacturer PostX Co., Ltd.  
Product Name Spaver Signaty IR Light  
Model Name SPY-IRGB01

## Components



**Main Unit**  
+ **AA Batteries**



**Molle Clip**



**Molle Pouch**