

# Payload

## Vertical Camera System

**LIGHTWEIGHT VERTICAL CAMERA PAYLOAD THAT PLUGS ONTO LOKI MkII TACTICAL DRONE TO GIVE IT AN EXTRA ANGLE OF VIEW AND REVEAL THINGS THAT WEREN'T ON SCREEN BEFORE**

Additional advanced technologies are often required to successfully achieve tactical objectives in complex indoor environments. For such situations, our sUAV can extend its operational capabilities with an additional camera.

Sky-Hero's **Vertical Camera Payload** adds a new dimension to drone control and detection of hidden potential threats. With a 150° horizontal and 120° vertical viewing angle, the 45° downward facing embedded camera allows the operator to scan an area that the front camera cannot simultaneously cover.

Its control software is fully integrated with our compatible **GCS MkII** controller, allowing the operator to switch from the front camera to the vertical camera video stream at any time.



### Viewing Experience

It redefines the vertical observation perspective, providing a new vantage point for easy piloting and intel gathering



### IR Sensitive

Built-in camera for day and night use with high sensitivity in low light conditions



### Plug and Go

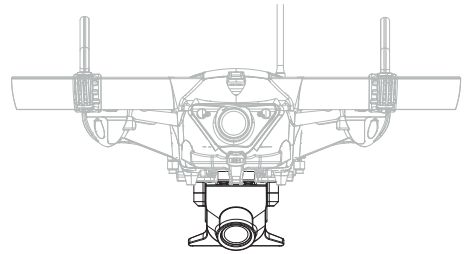
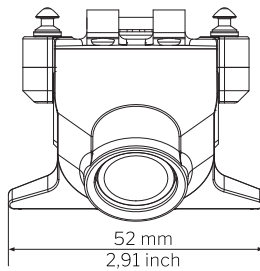
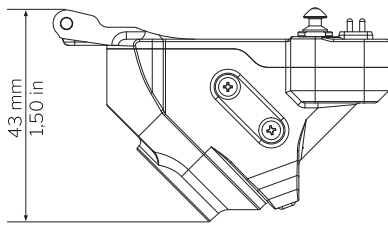
Easy to install without tools and immediately operational thanks to Sky-Hero's self-adaptative algorithms and control features



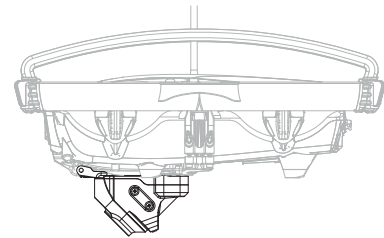
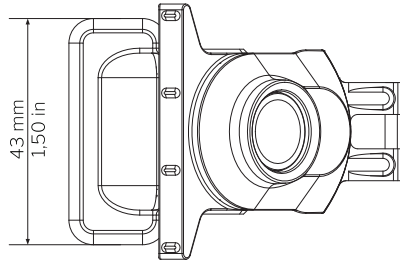
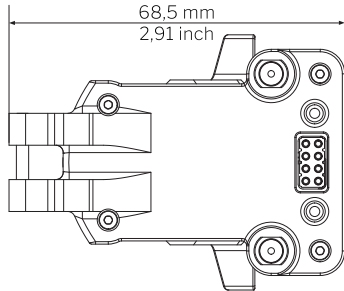
### Light Design

Specifically designed to be hooked onto Sky-Hero drone where weight and unnecessary complexity is kept to a minimum

# #1 SKY-HERO PAYLOAD CRADLE & VEHICLES HOOKING



Vertical Camera Payload mounted on **Loki MkII** Tactical sUAV



Weight sUAV Hook 26 g | 0,06 lb

Weight Cradle 60 g | 0,13 lb

Body material Aluminium 7075

## #2 CAMERA TECHNICAL DETAILS

Image Sensor 1/2 in" CCD

Viewing Angle 150° Horizontal  
120° Vertical

Min. Illumination 0.0001 Lux

Burst Level 0.3Vp-p~0.33Vp-p

Ops Temperature -20°C to 50°C  
-4°F to 122°F



## No more blind spots on the threat!

### #3 IN OPERATION

Our vertical camera payload provides uncrewed vehicle operators with a new option in operational situations. It enhances the flight context by making it easier to determine the orientation of stairs, for example, or to locate a narrow passageway in a ceiling. It also helps gather evidence or identify threats that would otherwise be difficult to detect, such as those that might be present in a fully loaded truck/container, or a warehouse full of boxes and materials.

Mounted on our **Loki MkII**, it supports operations in challenging, confined environments and helps your team solve complex missions.



### GET IN TOUCH

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