



## Helmet Camera

### Picatinny Rail Mounted HD-IP Camera

The HD-IP Helmet Camera can be connected directly onto a helmet Picatinny rail mount, making it suitable for use in tactical situations.

The camera integrates directly with the Visual Engineering Body Worn Mesh Radio. When coupled with the BWM it provides a complete end to end surveillance system.

The camera has exceptional performance in low light conditions and is supplemented with built in Infrared or white light LED Illumination.

The camera supports variable video resolutions, which range from 1920x1080 down to 320x240. Variable frame rate and bit-rate adjustments are also possible. All of these parameters can be configured via a web browser interface.

The outer casing is CNC machined aluminium, this rugged build together with its IP67 environmental rating produces a camera that is fit for deployment into tactical field operations.

All connections are combined into one Fisher connector on the rear of the housing. Camera power can be supplied by an optional rail mounted battery module.

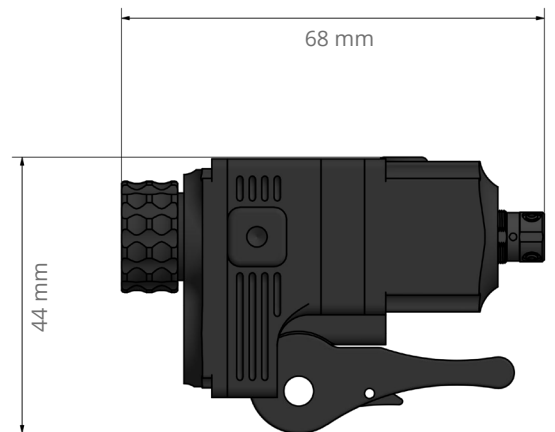
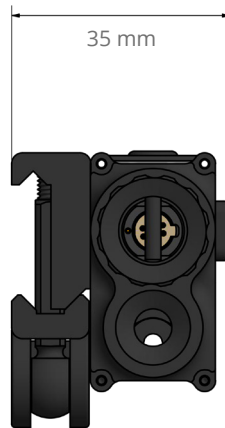
A button on the top of the camera controls the activation state of the LED Illuminator. At initial power on the LED will switch on in low light levels determined an ambient light sensor. Following power on if the button is pressed it will disable the LED regardless of light level. Further presses of the button will cycle the LED to first switch back to auto state and then off.

Custom cable assemblies are also available on request to interface with leading body worn radios from Silvus and TrellisWare.

Overview
Helmet Mounted IP Camera
Picatinny Rail Mount
Variable Resolution
1920x1080p
H.264 Video Encoding
Low Light Camera
Sensitivity of 0.05Lux
IR or White LED Illumination
Rail Mounted Battery Module
SD Recording Option
Body Worn Radio Interface
Web Page Configuration
Low Weight
Compact Form
Designed for Tactical Operations
Custom Cables Available



Part Numbers	
HD-Camera	110-8908
Battery	110-4734



Both the camera and battery module connect directly to a Picatinny helmet rail mount.

Specifications			
Camera Sensor	1/3" CMOS	Connector	Fisher
Camera Sensitivity	0.05 Lux, no IR Filter 0.1 Lux, with IR Filter	Power	12v, 1.4W (IR Off)
Max Resolution	1920 x1080p	Recording Option	32GB Micro SD card
Video Encoding	Dual H.264 and MJPEG	Weight	96 grams
Streaming Protocol	RTSP over TCP or UDP	Environmental	IP67
IR LED	2W, 940nm 5 to 10m Range	Casing	Aluminium
Field of View	90° or 60° optional Changeable M12 lens	Dimensions	68 x 44 x 35 mm

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Product specifications subject to change without notice

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