



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 video and audio with variable video resolutions, which range from 1920x1080 to 640x360. All 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 DTC, Silvus and TrellisWare.

Overview

Helmet Mounted IP Camera

Picatinny Rail Mount

Variable Resolution

1920x1080p

HEVC & H.264 Encoding

Low Light Camera

Sensitivity of 0.05Lux

IR or White LED Illumination

Rail Mounted Battery Module

Video and Audio Recording

Body Worn Radio Interface

Web Page Configuration

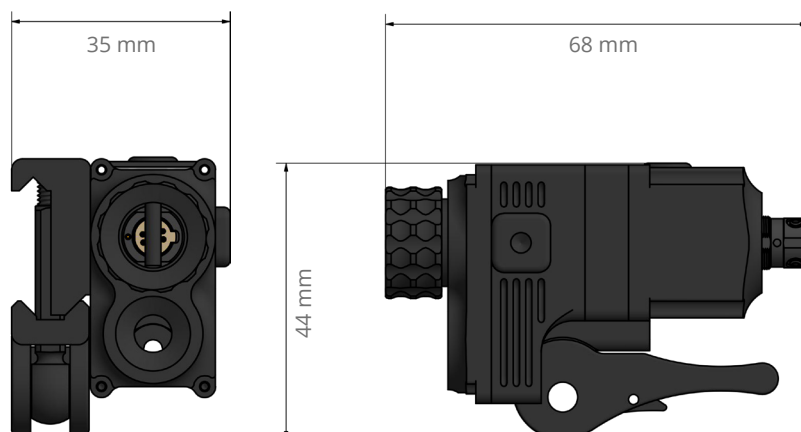
Low Weight

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	Video and Audio
Video Encoding	HEVC, H.264, MJPEG	Weight	96 grams
Streaming Protocol	RTSP TCP and 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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