

HEROCast™

Compact Wireless Transmitter

The HEROCast™ is the smallest and lightest COFDM wireless transmitter from Vislink, designed to be used with a GoPro camera.* The innovative design allows the HEROCast™ to be the most power efficient solution on the market with up to 50% better efficiency than its competitors. The transmitter uses H.264 encoding to offer the highest picture quality and low latency. No other wireless micro transmitters can match the outstanding performance of the HEROCast™.

* Compatible with GoPro HERO3+ Black, HERO4 Silver & HERO4 Black cameras.



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Key Features

- Lightest and smallest COFDM HD micro transmitter in the market
- Can be connected to a GoPro Camera
- H.264 encoding
- Low Delay
- Low power consumption typically 4.1W
- Rugged design to operate in harsh environments

Typical Applications

- Event Coverage
- Sports Coverage
- Onboard Coverage
- Extreme Sports Coverage



SPECIFICATIONS



RF PARAMETERS

RF Frequency Range

- 1.95GHz to 2.7GHz

RF Output Range

- >500m Range

Modulation

- DVB-T
- Bandwidths of 6/7/8 MHz modes
- QPSK, 16QAM, 64QAM
- FEC 1/2,2/3,3/4,5/6,7/8

VIDEO PARAMETERS

Video Encoder

- H.264 very low latency HD AVC encoder/MPEG-4 Part 10

Bit-Rate

- Rates 3.732 Mbps to 31.688 Mbps (DVB-T)

Frame Rates

- 1920x1080i 60/59.94/50Hz
- 1280x720p 60/59.94/50Hz

Audio Encoder

- MPEG-1 Layer 2

Video Inputs

- Via Micro HDMI connector

Audio Inputs

- Embedded Audio over HDMI

USER INTERFACE

Control

- Buttons for RF On/Off and Preset selection
- 2 multi-colour LEDs for status indication
- USB Control with Windows and Mac applications

MECHANICAL PARAMETERS

Dimensions

- 67.1mm (w) x 50.6mm (h) x 24.9mm (d)

Weight

- Weight of transmitter: 130g

PRIME POWER PARAMETERS

Power

- Power supply via GoPro Hero4 battery BacPac™
- Power supply via battery eliminator (optional)
- Battery Power Approx: 40 minutes**

Consumption:

- Nominally 4.1W in standard configuration

ENVIRONMENTAL PARAMETERS

Environmental

- Operating Temperature: -10 to +50 °C
- Humidity: <85% Non-condensing
- Shock tested to 300g
- Vibration tested to same level as GoPro camera

**Battery life may vary due to environmental conditions (e.g. Temperature).

