

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 COFDM HD micro transmitter in the market
- Can be integrated to a GoPro Camera
- H.264 encoding
- Low Delay
- Low power consumption typically 4.1W
- Rugged design to operate in harsh environments
- Supports DVB-T & Vislink's LMS-T modulation for full HD quality

Typical Applications

- Event Coverage
- Sports Coverage
- On-board Coverage
- Extreme Sports Coverage

RF Parameters

Frequency Range

- 1.95-2.7GHZ

Output Range

- >500m

Modulation

- DVB-T
 - Bandwidths of 6/7/8 MHz modes
 - QPSK, 16QAM, 64QAM
 - FEC 1/2, 2/3, 3/4, 5/6, 7/8
- LMS-T proprietary modulation for enhanced mobile operation
- LMS-T bandwidths of 4, 5, 6, 7, 8, 10, 12, 14, 16 or 20 MHz with 2 carrier density options
- QPSK, 16QAM
- FEC 2/3

Video Parameters

Video Encoder

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

Bit-Rate

- Rates 3.73 Mbps to 36.86 Mbps

Frame Rates

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

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
- 2x multi-color LEDs for status indication
- USB Control with Windows and Mac applications

Mechanical Parameters

Dimensions

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

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**

Power Consumption

- Nominally 4.1 W in standard configuration

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

Environmental Parameters

- Operating Temperature: -10 °C to +50°C (14°F to 122°F)
- Humidity: <85% Non-condensing
- Shock tested to 300g
- Vibration tested to same level as GoPro camera