

HEROCast BacPac™

Compact Wireless Transmitter

The HEROCast BacPac™ is the smallest and lightest COFDM wireless transmitter from Vislink. It is designed to be fully integrated with a GoPro Camera*, dive housing and battery, forming a waterproof system. The innovative design allows the HEROCast BacPac™ 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 BacPac™.

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



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

Typical Applications

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



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 HEROCast™ HDMI Flex

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 40.3mm (D)

Weight

- Stand-alone transmitter: 175g (without camera)

PRIME POWER PARAMETERS**Power**

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

Power Consumption:

- Nominally 4.1W in standard configuration

ENVIRONMENTAL PARAMETERS

- Operating Temperature: -10 to +50 °C
- Ingress protection: IP67 (when used with GoPro Dive Housing)
- Humidity: <85% Non-condensing
- Shock tested to 200g
- Vibration tested to same level as GoPro camera

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

