



# Wireless Video Link; 1mSec latency

Optimized for Head-Mounted Displays



## KEY SPECIFICATIONS

### WIRELESS LINK

End-to-end latency	Approx 1 mSec for video; <8 mSec for tracking
Spectrum	5 GHz
Distance	30 meters typical. Does not require line of sight
Compression	Uncompressed
Multiple links	Up to 8 links

### Supported AUDIO and VIDEO

Resolution	1920x1080 and lower, at 60 Hz
Video interface	HDMI 1.3
Audio	Dual channel

### Electrical and Mechanical

Power consumption	3W typical
Power input	+5VDC input or battery option
Size	6x9x2 cm

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Specifications subject to change w/o notice.

Sensics believes that head-mounted displays need not be tied with a cable to a computer. To realize this vision, we offer a wireless video link that is optimized for HMD use: low-latency, high-definition and large distance.

With the Sensics low-latency wireless video link, users can:

- Use Sensics HMDs without requiring a cable to image generator.
- Allow greater freedom of motion and movement.
- Extend the distance between image generator and HMD.
- Simplify rapid deployment of multiple HMDs.

Key features include:

- Super low-latency: less than 1mSec end-to-end latency
- Transmits zSight head tracker information wirelessly to computer.
- Support for high definition (up to 1920x1080) at 60 Hz frame rates.
- Does not require line of sight
- Integrated stereo audio
- Establish connection in about 5 seconds
- Ability to use multiple transmitter/receiver pairs to drive multiple independent HMDs
- Available battery option for both HMD and wireless video link. 2 Hours typical between charges.
- Simple interface: HDMI/DVI from image generator, HDMI/DVI to HMD
- Automatic HMD capability negotiations (EDID-capable)
- Lightweight, small and portable