



## CW-1 Wireless HDMI Video Transmission System

# CAM ~ WAVE HD



Reliable, compact and affordable, the CW-1 transmits uncompressed full HD 1920x1080. The stick type HDMI transmitter and receiver system delivers crystal clear images between 30-328ft. With latency less than 1ms, the CW-1 is ideal for real-time wireless monitoring applications. The compact design enables the CW-1 to easily

mount on camera rigs of all shapes and sizes. The Dynamic Frequency Selection (DFS) feature minimizes interference and optimizes transmission by automatically choosing the least congested channel.

\*Portable power options for the TX and RX are available.



### CW-1 Product Features:

- Extremely easy to use compact and light weight stick type TX and RX
- Uncompressed wireless transmission system for HD and SD video
- Utilizing WHDI (MIMO/OFDM) technology
- 5GHz frequency band (license free)
- Multiple video formats and frame rates
- Video input/output: HDMI
- Zero frame delay; less than 1ms latency.
- Transmit HD video as far as 328ft (distance may vary)
- Dynamic Frequency Selection (DFS) operates on less congested channels for optimal performance.
- Conforms to major technical & environmental standards including FCC, CE, and RoHS specifications.

### Technical Specification –TX and RX

- Frequency:** 5.270 GHz—5.670 GHz
- Freq. Selection:** Automatic / DFS
- Transmit Method:** WHDI (MIMO)
- Modulation:** OFDM (Orthogonal Frequency Diversity Multiplexing)
- Latency:** Zero frame (less than 1ms)
- Video/Audio:** TX-HDMI plug 1.3 / RX-HDMI jack 1.3
- Video Formats:** 1080/59.94i, 1080/50i, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p, 720/59.94p, 720/50p, 525i/59.94, 625i/50, 525p/59.94, 625p/50, SXGA, XGA, SVGA, VGA
- Power Requirement:** DC5V (TX: Mini USB Type AB / RX: Pin Jack 3.5φx 1.35φ)
- Power Consumption:** TX: 3.5W max. / RX 5W max.
- Dimensions:** TX: 3.6 (W) x 1.2 (D) x 0.6 (H) inches  
RX: 3.8 (W) x 2.2 (D) x 0.8 (H) inches
- Weight:** 0.7oz (TX), 2.1oz (RX)

### CW-1 Packing List

- (1) CW-1 TX
- (2) CW-1 RX
- (3) AC Adapter for RX
- (4) DC cable for AC Adapter
- (5) HDMI angled adapter (Female to Female)
- (6) HDMI Cable for RX
- (7) USB cable for TX (for TX power supply)

HDMI cable/adaptor for the TX is not included

\* Power options can be found on CW-1 Power Options Data Sheet



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