



CW-1 Wireless HDMI Type Video Transmission System

CAM ~ WAVE HD



Reliable, compact and affordable, the CW-1 transmits uncompressed full HD 1920x1080. The HDMI type 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 Type
- 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 type plug 1.3 / RX-HDMI type 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 type angled adapter (Female to Female)
- (6) HDMI type cable for RX
- (7) USB cable for TX (for TX power supply)

HDMI type cable/adaptor for the TX is not included

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



IDX System Technology, Inc.
19001 Harbortgate Way, Suite 105
Torrance, CA 90501
U.S.A.
Telephone: (310) 328-2850
Fax: (310) 328-8202



For further information, email us: idx.usa@idx.tv or visit our website www.idxtek.com
IDX reserves the right to change the specifications contained herein without notice.
IDX does not guarantee that CW-1 and CW-1 accessories will work with all HDMI® devices.