



CW-7

Wireless HD Video Transmission System

CAM ~ WAVE HD

The new and improved CW-7, uncompressed wireless HD-SDI/SD-SDI transmission system, delivers superior image quality up to 328ft range while maintaining a zero frame delay. Perfect for outdoor or indoor productions and events, the CW-7 wirelessly transmits HD video and audio from a professional camera to a monitor. Event, television, and film productions can save time on prep by eliminating long cable runs from the camera to video village or display. Dynamic Frequency Selection allows CW-7 to operate on less crowded channels within the license exempt 5GHz spectrum.

CW-7 Product Features:

- Standard broadcast and cinema video formats up to 1080/60i
- Two channels of embedded audio for stereo monitoring.
- Transmission range of 30-328ft (distance may vary depending on site conditions).
- Dynamic Frequency Selection (DFS) allows CW-7 to operate on less crowded channels.
- Uses integrated V-Mount for camera and battery connection; fully compatible with IDX ENDURA series batteries. Optional three-stud mount is available (CW-7-AB).
- 4 selectable channels and 1 DFS on TX and RX
- Multiple Multicast operation; up to four TXs can transmit to multiple RXs in close vicinity.
- Zero frame delay; less than 1ms latency.
- TX features loop-through; RX has dual simultaneous outputs.
- 3/8 screw hole on TX and RX for flexible mounting.
- Conforms to major technical & environmental standards including FCC, CE, MIC (TELEC) and RoHS specifications.



Technical Specification –TX and RX

Frequency: 5.190 GHz—5.795 GHz

Freq. Selection: 4 selectable channels & 1 DFS (TX and RX)

Transmit Power/Range: 80mW maximum / up to 328ft

TX/RX Antenna: Internal 24dBm

Transmit Method: MIMO (multiple in/multiple out)

Modulation: OFDM (Orthogonal Frequency Diversity Multiplexing)

Latency: Zero frame (less than 1ms)

Video Input: HD-SDI (SMPTE 292M); SD-SDI (SMPTE 259M-C)

Video Formats: **HD 1080:** 60i, 59.94i, 50i, 29.97p, 25p, 24p, 23.98p, 30PsF, 29.97PsF, 25PsF, 24PsF, 23.98PsF

720: 59.94p, 50p **SD 525:** 59.94i **625:** 50i

Audio: Ch 1 & 2 SDI embedded

Power Requirement: 11-17V DC via battery plate (V-Mount or other) or 12V DC via 4-pin XLR connector

Power Consumption: 12W approx.

Dimensions: 6.22 (W) x 7.40 (H) x 2.83 (D) inches

Weight: 1.87 lbs. (TX), 1.76 lbs. (RX)

IDX System Technology, Inc.
19001 Harborgate 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
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