



## CW-5HD Wireless HD Video Transmission System

# WEVI

The CW-5HD transmitter and receiver system delivers uncompressed HD-SDI or SD-SDI video with virtually no latency or artifacts. In outside production or in studio, high definition signals can be wirelessly transmitted from a professional camera to a monitor—producers and film crews can view exactly what the camera is shooting in real time without long cable runs. Crystal clear images are received in either Unicast using 256-bit secured encryption or Multicast mode for reception by multiple receivers simultaneously.

### CW-5HD Product Features:

- Multiple video formats including 1080i/23.98PsF.
- Automatically detects HD-SDI or SD-SDI signal processing.
- Two channels of embedded audio for enhanced recording.
- Transmission range of 150 ft. line of sight or up to 100 ft. through walls (distance may vary depending on site conditions).
- No special FCC license is required for operation.
- Uses integrated V-Mount for camera and battery connection; fully compatible with IDX ENDURA series batteries and optional three-stud mount is available.
- Selection of four manual channel frequencies; ideal if operating multiple systems in close proximity.
- No visible external antenna; stylish and rugged design profile.
- Only 12W power consumption; each unit weighs under 2 lbs.
- TX features loop-through; RX has dual simultaneous outputs
- Conforms to major technical & environmental standards including FCC, CE and RoHS specifications.



### Technical Specification –TX and RX

**Frequency:** 5.18 GHz—5.86GHz

**Freq. Selection:** 4 selectable channels & 1 auto (TX only)

**Transmit Power:** 89mW maximum (TX only)

**TX/RX Antenna:** Internal 2dBi gain

**Transmit Method:** MIMO (multiple in/multiple out)

**Modulation:** OFDM (Orthogonal Frequency Diversity Multiplexing)

**Latency:** Less than 1ms

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

**Video Formats:** HD-1080i/59.94, 1080i/50, 1080i/23.98PsF, 1080p/29.97, 720p/59.94, 720p/50 SD-525i/59.94, 625i/50

**TX Audio Out/RX Audio In:** 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 2.83 (D) x 7.40 (H) inches

**Weight:** 1.76 lbs. approx.

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