



## CW-3

Compact 3G-SDI Wireless HD Transmission System

# CAM ~ WAVE HD

IDX continues to expand its wireless HD lineup with the new 1:1 CW-3 transmission system. The CW-3 is the lightest, uncompressed, full HD, zero delay, 3G-SDI transmitter available today. The CW-3 can transmit audio and video up to 115m/380ft (distance may vary). D-Tap power cables, AC adaptors, SDI cables, and a 1/4" shoe mount adaptor are included accessories.

### CW-3 Product Features:

- Transmits uncompressed full HD 1080p/60 video.
- Utilizing WHDI (MIMO/OFDM) technology.
- 5GHz frequency band (license free).
- Zero frame delay; less than 1ms latency.
- Transmit HD video as far as 115m/380ft (distance may vary).
- Dynamic Frequency Selection (DFS) operates on less congested channels for optimal performance.
- GPI output on TX for tally.
- D-Tap power cables, SDI cables, AC adaptors, and 1/4" mounting adaptor included.
- Conforms to major technical & environmental standards including FCC, CE, and RoHS specifications.



### Technical Specification –TX and RX

**Frequency:** US: 5270, 5310, 5510, 5550, 5670 MHz  
EU: 5510, 5550, 5670 MHz

**Freq. Selection:** Automatic / DFS

**Transmit Method:** WHDI (MIMO)

**Modulation:** OFDM

**Latency:** Zero frame (less than 1ms)

**Transmit Range:** 50m/164ft with no loss in signal quality. Up to 115m/380ft max (line of sight).

**Video/Audio:** **TX:** (1) SDI In , (1) SDI Out **RX:** (1) SDI Out

**Video Formats:** **3G-SDI:** YCbCr 4:2:2 10bit  
1080p 60/59.94/50Hz

**HD-SDI:** YCbCr 4:2:2: 10bit  
1080i 60/59.94/50Hz 1080p  
30/29.97/25/24/23.98Hz  
720p 59.94/50Hz

**Power Requirement:** 7-17V DC

**Power Consumption:** **TX** 8W max. **RX** 10W max.

**Dimensions:** **TX:** 109.2(W) × 68.8(H) × 25.4(D)mm

**Antenna:** 108.0(W) × 10.0(H) × 10.0(D)mm

**RX:** 153.5(W) × 73.5(H) × 25.0(D)mm

**TX:** 4.29(W) × 2.70(H) × 1.0(D)inch

**Antenna:** 4.25(W) × 0.39(H) × 0.39(D)inch

**RX:** 6.04(W) × 2.89(H) × 0.98(D)inch

**Weight:** **TX:** 150g approx. **RX:** 165g approx.

**TX:** 0.33lbs approx. **RX:** 0.36lbs approx.



### E & OE

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