

Digital HD transmitter IDX CW-5HD



Wireless HD digital video Transmission System

High Definition digital video can be realistically received wirelessly from 20 yards outside, 50 on a chicken-wire stage. Has most range in RF reflective interior spaces: Stages, Hotel facilities, Conference centers and Sports arenas. Imperceptible delay, license free. Always has a perfect image. No flickers, no fading, nothing to adjust, internal antennae. Wireless for both HD-SDI and SD-SDI in and out. Judging from an engineering monitor it really looks very good. Ships with an IDX V-Mount, or can be operated via 4-pin XLR, 12 volt.

Weight: 1.76 pounds, no visible antenna. Operating between 5.1 - 5.8GHz license free frequencies. Select from four manual frequencies, or auto-select frequencies with encryption. TX features SDI in and loop-through; RX outputs dual simultaneous SDI only **no SD**. Can transmit to one Receiver encrypted. 4 Tx can be used simultaneously (after June 2009 update) with no encryption.

Make sure there is no 5.2 Home Phone system within 200 yards, it induces nasty noise lines in the otherwise perfect picture.

CW-5HD TX Specifications:

Frequency: 5.18GHz – 5.86GHz license free. Delay: 1 ms.

Transmit Power: 89mW maximum **Transmit Antenna:** Internal 2dBi gain **Modulation:** OFDM

Video Input: HD-SDI-SMPTE 292M / SD-SDI-SMPTE 259M-C (Auto-Sens.) **No standard def**, you need up-down converters.

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

Audio Input: Two Channels SDI embedded.

Conformance with major international engineering standards including FCC part 15, CE . **No license required.**

RX Specifications: **If out of range recapture may take 8 seconds to recover.**

Output SDI only. No standard def. Receiving Antenna: Internal 2dBi gain

Dimension (WxDxH): 6.23" x 2.44" x 7.41"; 158mm x 62mm x 188mm **Weight:** Approx. 1.76lbs (800g) **Temp Range:** 32~104°F (0~40°C)

Manufacturers spec sheet: http://www.idxtek.com/pdf/cw5hd_flyer.pdf and a review article:

<http://www.studiodaily.com/hdstudio/searchlist/9306.html> the manual: http://www.idxtek.com/pdf/op_manual/cw_5hd.pdf

Wolf Seeberg Video does not sell or rent these check: Blrms and Sawyer, HD rentals, most camera rental houses.

List Price for the TX-Rx pair \$5995.00

Street price under \$ 4000 plus shipping and handling, battery not included

Prices and Specs are subject to change without notice 10/11/09

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