

# HD Wireless Transmitter and Receiver

## CW-5HD Transmission System

Full Bandwidth High Definition Signal that can be viewed wirelessly as much as 150 feet away

- ▶ Uncompressed wireless system for both HD-SDI and SD-SDI video
- ▶ Multiple formats of video with two channels of SDI embedded audio
- ▶ Latency less than 1ms
- ▶ Transmission range up to 100 feet (30m) through walls and up to 150 feet (50m) in line-of-sight conditions. Use in actual production may vary
- ▶ Conservative 11W power consumption
- ▶ Ships with an IDX V-mount, allowing a direct attachment to an IDX battery for rear mounting on a camera or can be attached for DC operation
- ▶ Sleek and lightweight: weighting just 1.5 pounds, and no visible antenna
- ▶ Wireless transmission via MIMO/OFDM, operating between the 5.1 - 5.8GHz frequencies. No special license is required
- ▶ Selection of four manual or auto-select frequencies with 256-bit encryption
- ▶ Conformance to major international engineering standards including FCC, CE and RoHS specifications



*CAM ~ WAVE*

## CW-5HD TX Specifications:

Frequency:	5.18GHz – 5.86GHz
Tuning Range / Frequency selection:	4 Selectable Channels or Auto select
Transmit Power:	89mW maximum
Transmit Antenna:	Internal 2dBi gain
Transmit Method:	MIMO
Modulation:	OFDM
Latency:	Less than 1ms
Video Input:	HD-SDI-SMPTE 292M
	SD-SDI-SMPTE 259M-C
Supported Video Profiles:	HD – 1080i/59.94, 1080i/50, 1080p/29.97, 1080p/23.98 720p/59.94, 720p/50
	SD – 525i/59.94, 625i/50
Audio Input:	2 Channel SDI embedded
Power Requirement:	10 – 17 VDC via battery plate or 4 pin XLR connector
Power Consumption:	11W approx.
Dimension (WxDxH):	158mm x 62mm x 188mm (6.23" x 2.44" x 7.41")
Weight:	Approx. 650g (1.5lbs)
Operating Range:	0~60°C (32~140°F)

## CW-5HD RX Specifications:

Frequency:	5.18GHz – 5.86GHz
Tuning Range / Frequency selection:	4 Selectable Channels or Auto select
Receiving Antenna:	Internal 2dBi gain
Receive Method:	MIMO
Modulation:	OFDM
Latency:	Less than 1ms
Video Output:	HD-SDI-SMPTE 292M
	SD-SDI-SMPTE 259M-C
Supported Video Profiles:	HD – 1080i/59.94, 1080i/50, 1080p/29.97, 1080p/23.98 720p/59.94, 720p/50
	SD – 525i/59.94, 625i/50
Audio Output:	2 Channel SDI embedded
Power Requirement:	10 – 17 VDC via battery plate or 4 pin XLR connector
Power Consumption:	11W approx.
Dimension (WxDxH):	158mm x 62mm x 188mm (6.23" x 2.44" x 7.41")
Weight:	Approx. 650g (1.5lbs)
Operating Range:	0~60°C (32~140°F)

IDX reserves the right to change the specifications contained herein without notice.

**WEVI**

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