



## **CW-7 (CAM~WAVE Wireless Audio/Video Transmission)**

**Q: What is the maximum transmission distance?**

A: Approximately 300ft line-of-sight; however, distance will vary depending on the surrounding environment.

**Q: What is the latency?**

A: Less than 1ms.

**Q: What frequencies are used?**

A: 5190, 5230, 5270, 5310, 5510, 5550, 5670, 5755, and 5795 MHz

**Q: Can I manually select a channel/frequency?**

A: Yes! A channel-select dial on the TX and RX allows you to select 1-4 channels and 1 Auto/DFS

**Q: What are the power outputs for each channel?**

A: Ch1 5190MHz– 50mW, Ch2 5230MHz– 50mW, Ch3 5755 MHz– 80mW, Ch4 5795 MHz– 80mW, Auto/DFS 5270~5670 MHz– 80mW.

**Q: Does the power output affect the transmission distance?**

A: Yes! higher output power results in greater range. Channels 3, 4, and Auto/DFS have the highest output power.

**Q: Can I transmit from one TX to multiple RX?**

A: Yes! The multi-cast function allow you to transmit from one TX to an unlimited number of RXs. Note: Multi-cast does not work on DFS channels.

**Q: Is CW-7 compatible with CW-5HD?**

A: No. CW-7 and CW-5HD operate on different frequencies with different bandwidths

**Q: Can I have multiple multi-cast systems in one area?**

A: Yes! You can operate up to 4 TXs with multiple RXs in one area. Use the channel select dial on the RX to tune-in to a TX. Note: Multi-cast does not work on DFS channels.

**Q: Can I send multiple signals to one RX?**

A: Not simultaneously. The channel select dial on the RX allows you to tune in to a TX but it will take approximately 10 seconds to link to each channel.

**Q: What are the compatible formats and frame rates?**

A: HD-SDI and SD-SDI 1080: 60i, 59.94i, 50i, 29.97p, 25p, 24p, 23.98p, 30PsF, 29.97PsF, 25PsF, 24PsF, 23.98PsF; 720: 59.94p, 50p; 625: 50i; 525: 59.94i

**Q: Does the CW-7 transmit audio?**

A: Yes! SDI imbedded audio (channels 1 & 2) will transmit in sync with the video

**Q: Does the CW-7 transmit time code or meta data?**

A: CW-7 currently does not support time code or meta data.

**Q: What are the power requirements?**

A: 11-17V DC via V-Mount or 3-Stud mount (option) battery, or 4pin XLR DC input

**Q: Can you send camera control signals through CW-7?**

A: CW-7 currently does not support camera control signals

**Q: Can the CW-7 transmit through walls?**

A: Yes! However, the signal has difficulty transmitting through metal and mortar walls.

