



## CW-1

Wireless HD Video Transmission System with HDMI type connector



### Technical Specification

#### Frequency:

5.270GHz to 5.670GHz

#### Frequency Bandwidth:

40MHz per channel

#### Frequency Selection:

Automatic / DFS

#### Transmission Method:

WHDI (MIMO / OFDM)

#### Latency

Less than 1 millisecond

#### Transmission Distance:

Up to 50m (Line of sight)

#### Video/Audio:

TX: HDMI type multi connector plug

RX: HDMI type multi connector jack

#### Video Profiles:

1080/59.94i, 1080/50i, 1080/29.97p,  
1080/25p, 1080/24p, 1080/23.98p,  
720/59.94p, 720/50p, 525i/59.94, 625i/50,  
525p/59.94, 625p/50, SXGA, XGA, SVGA,  
VGA

#### Power Requirement:

5V DC

TX: Mini USB Type AB

RX: Pin Jack 3.5ø x 1.35ø

#### Power Consumption:

TX: 3.5W max.

RX: 5W max.

#### Dimensions:

TX: 915(W) x 175(H) x 310(D) mm approx.

RX: 990(W) x 205(H) x 560(D) mm approx.

#### Weight:

TX: 20g approx.

RX: 60g approx.

#### Operating Temperature:

0~40°C (no dew)

E&OE

The CW-1 is a compact and affordable wireless Transmitter and Receiver system, delivering SD and HD video and embedded audio up to a distance of approximately 50m in line of sight conditions. Using a unique range of mounting and power options from IDX, the CW-1 can be used on a variety of professional camera rigs and set-ups. The CW-1 features DFS (Dynamic Frequency Selection) for use in a wider range of indoor and outdoor applications, detecting official radio frequencies used within the 5GHz band and automatically switching to a safer and less congested channel.

### CW-1 features:

- **Lightweight and compact** stick-type TX and RX units
- **New DFS (Dynamic Frequency Selection)** providing auto selection of frequencies for outdoor use
- **Hot-shoe mounting and power options** for both TX and RX units, including cradle and high capacity battery and simultaneous charger (power options overleaf)
- **HDMI type connector for video** input and output (A HDMI type connector is not a guarantee of interchangeability with all HDMI equipment available in the market)
- **Automatic detection** of video profile and formats
- **1 millisecond latency**, no discernible video delay
- **License free operation**, fully certified for use in Europe

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## CW-1 Wireless HD Video Transmission System

### CW-1JT Package:

The CW-1JT package includes the following items:



**1 x CW-1**  
Wireless HD Video TX and RX unit.



**1 x A-CWJ-TX**  
Battery adaptor for the CW-1 TX and designed for use with IDX SSL-JVC50 battery. 5V DC output from USB connector and features camera hot-shoe mount.



**1 x SSL-JVC50 Battery**  
37Wh 4900mAh Li-ion battery.



**1 x LC-2J Charger**  
2-Channel simultaneous charger for the IDX SSL-JVC50 battery.

### CW-1JTR Package:

The CW-1JTR package includes the following items:



**1 x CW-1**  
Wireless HD Video TX and RX unit.



**1 x A-CWJ-TX**  
Battery adaptor for the CW-1 TX and designed for use with IDX SSL-JVC50 battery. 5V DC output from USB connector and features camera hot-shoe mount.



**1 x A-CWJ-RX**  
Battery adaptor for the CW-1 RX and designed for use with IDX SSL-JVC50 battery. 5V DC output from USB connector.



**2 x SSL-JVC50 Battery**  
37Wh 4900mAh Li-ion battery.

**1 x LC-2J Charger**  
2-Channel simultaneous charger for the IDX SSL-JVC50 battery.



### A-CWJ-TX Specification

**Output Voltage:**  
5V DC

**Input Voltage:**  
6.5V~9V

**Dimensions:**  
TX: 112(W) x 72(H) x 89(D) mm approx.

**Weight:**  
250g approx.

### A-CWJ-RX Specification

**Output Voltage:**  
5V DC

**Input Voltage:**  
6.5V~9V

**Dimensions:**  
TX: 112(W) x 33(H) x 58(D) mm approx.

**Weight:**  
85g approx.

### SSL-JVC50 Specification

**Capacity:**  
37Wh / 4900mAh

**Dimensions:**  
43(W) x 47(H) x 70.4(D) mm approx.

**Weight:**  
225g approx.

### LC-2J Specification

**AC Adaptor Input Voltage:**  
AC100~240V (50/60Hz)

**Charger Input Voltage:**  
12~19V DC

**Dimensions:**  
140(W) x 46(H) x 129(D) mm

**Weight:**  
260g approx. (AC adaptor not included)

E&OE

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