



DJI Video Receiver

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The DJI Video Receiver is compatible with the DJI Video Transmitter and is ideal for use on film sets. If you use it in conjunction with a film camera such as ARRI or RED, you can conveniently transmit metadata and output video signals with a fractional number of frames per second. The device supports the O3 Pro system, allowing for 1080p/60FPS image transmission up to 4 km. In addition, you can connect an unlimited number of receivers to your transmitter (in Broadcast mode). DJI Video Receiver is also compatible with DJI Master Wheels. Note: DJI Video Transmitter is required to use the DJI Video Receiver.

Almost Unlimited Possibilities

The receiver supports metadata transmission via SDI, which means you can conveniently transmit file names, time codes, camera settings to monitors and QTAKE. The DJI Video Receiver also allows for real-time voice calls (one-on-one), facilitating communication between the operator and director. The device also offers 2 modes of operation. Broadcast mode allows you to connect an unlimited number of receivers to your transmitter, allowing multiple teams to efficiently monitor work on the film set. Control mode, on the other hand, is suitable for remote control of Ronin 2, DJI RS 3 Pro, and camera focus.

In the box

DJI Video Receiver

NP-F battery adapter

WB37 battery adapter

Ronin x2 video transmission antenna

USB-C cable

SDI cable

DC power cable to P-TAP

Mounting kit

Weight

Approx. 350 g (without antennas)

Dimensions

127 x 87 x 26 mm (L x W x H, without antennas)

Working Frequency

Transmission Band Non-DFS Transmission Band: 2,4000-2,4835 GHz; 5,150-5,250 GHz; 5,725-5,850 GHz; DFS Transmission Band: 5,250-5,350 GHz; 5,470-5,725 GHz; 5,725-5,850 GHz;

*In some countries and regions, the 5.1/5.2/5.8 GHz frequencies are prohibited or the 5.1/5.2 GHz frequencies are only allowed for indoor use. For more information, please check the local regulations. Frequencies 5,600-5,650 GHz are not used.

Transmitter Power (EIRP)

2,4000-2,4835 GHz: < 33 dBm (FCC); < 20 dBm (SRRC / CE / MIC); 5,725-5,850 GHz: < 33 dBm (FCC); < 14 dBm (CE); < 23 dBm (SRRC);

Max. Transmission Bandwidth

40 MHz

Max. Bitrate

40 Mbps

Power Consumption

9 W

Supply Voltage

6-18 V

Output Voltage

Power output port: 6-18 V

Operating Time

Approx. 3 h 50 min *Tested at room temperature of 25°C when powered by the intelligent WB37 battery and connected to the DJI Video Transmitter.

Video Format (Output)

With DJI Video Transmitter: 1080p: 23.98/24/25/29.97/30/50/59.94/60FPS; 720p: 50/59.94/60FPS; With Ronin 4D: 1080p: 24/25/30/48/50/60FPS;

Audio Format (Input)

Built-in SDI interface, built-in HDMI interface

Audio Format (Output)

PCM

Video Transmission System

O3 Pro

Video Transmission Delay

70 ms *Measured while recording 1080p/60FPS video.

Video Codecs

H.264

Max. Transmission Range

6 m (FCC); 4 km (CE / SRRC / MIC); *Measured in an open environment without obstacles and interference.

Operating Temperature

From -10°C to 45°C

Price:

€ 1 319.00

Photo, Video, Accessories, Accessories DJI Ronin S