

Specs

Transmitter

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| Weight | Approx. 145 g (including antennas) |
| Dimensions | 86.5×64×32 mm (L×W×H, excluding antennas) |
| Ports | SDI Input Port HDMI Input Port 3.5mm Stereo Jack USB-C Firmware Update Port USB-C Power and Gimbal Communication Port |
| Operating Frequency | <p>SDR Operating Frequency</p> <p>Non-DFS Frequency Band:</p> <p>2.4000-2.4835 GHz</p> <p>5.725-5.850 GHz</p> <p>DFS Frequency Band:</p> <p>5.470-5.725 GHz</p> <p>5.8 GHz is prohibited in some countries/regions. Check local laws and regulations for more information. 5.600-5.650 GHz is not used.</p> <p>Wi-Fi Operating Frequency</p> <p>2.4000-2.4835 GHz</p> <p>5.150-5.250 GHz</p> |
| Transmitter Power (EIRP) | <p>SDR:</p> <p>2.4000-2.4835 GHz:</p> <p>< 30 dBm (FCC)</p> <p>< 20 dBm (SRRC/CE/MIC)</p> <p>5.470-5.725 GHz:</p> <p>< 30 dBm (FCC)</p> <p>< 23 dBm (CE/MIC)</p> <p>5.725-5.850 GHz:</p> <p>< 30 dBm (FCC)</p> <p>< 14 dBm (CE)</p> <p>< 30 dBm (SRRC)</p> <p>Wi-Fi:</p> <p>2.4000-2.4835 GHz:</p> <p>< 26 dBm (FCC)</p> <p>< 20 dBm (SRRC/CE/MIC)</p> <p>5.150-5.250 GHz:</p> <p>< 26 dBm (FCC)</p> <p>< 23 dBm (SRRC/CE/MIC)</p> |
| Wi-Fi Protocol | 802.11b/a/g/n/ac/ax Supports 2×2 MIMO Wi-Fi |
| Max Bandwidth | <p>SDR:</p> <p>20 MHz</p> <p>Wi-Fi:</p> <p>20 MHz</p> |
| Max Bitrate | <p>SDR:</p> <p>20 Mbps*</p> <p>Wi-Fi:</p> <p>8 Mbps</p> |

* Measured in Control mode, with Broadcast mode turned off.

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| Power Consumption | 8.2 W Measured at a room temperature of 25° C (77° F), when linked in Control mode, at a distance of approximately 10 meters, in a 1T1R setup, with Wi-Fi turned off, using PD for power supply. |
| Power Supply | USB-C Power Supply Type 1: 9 V, 2 A (PD protocol) USB-C Power Supply Type 2: 6.8-17.2 V DC NP-F Battery Power Supply Voltage: 6.8-8.4 V |
| Input Video Format | 1080p: 23.98/24/25/29.97/30/50/59.94/60fps 1080i: 50/50.94/60fps (1080i is not available in Broadcast mode). 720p: 50/59.94/60fps |
| Input Audio Format | SDI embedded, HDMI embedded |
| Video Transmission System | SDR + Wi-Fi |
| Video Transmission Latency | SDR: 80 ms* (including camera and screen display latency) 35 ms* (excluding camera and screen display latency) Wi-Fi: 110 ms** * Measured when shooting 1080p/60fps video with Broadcast mode turned off. ** Measured when shooting 1080p/60fps video. |
| Video Coding Format | H.264 |
| Max Transmission Distance | SDR: 3 km (FCC)* 2 km (CE/SRRC/MIC)* Wi-Fi: 200 m * Measured in Control mode, with Broadcast mode turned off. |
| Operating Temperature | -10° to 40° C (14° to 104° F) |

Receiver

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|---------------------------------|---|
| Weight | Approx. 145 g (including antennas) |
| Dimensions | 86.5×64×32 mm (L×W×H, excluding antennas) |
| Ports | SDI Output Port HDMI Output Port 3.5mm Stereo Jack USB-C Firmware Update and Video Output Port USB-C Power Port |
| Operating Frequency | SDR Operating Frequency Non-DFS Frequency Band: 2.4000-2.4835 GHz 5.725-5.850 GHz 5.8 GHz is prohibited in some countries/regions. Check local laws and regulations for more information. |
| Transmitter Power (EIRP) | SDR: 2.4000-2.4835 GHz: < 30 dBm (FCC) < 20 dBm (SRRC/CE/MIC) 5.725-5.850 GHz: < 30 dBm (FCC) < 14 dBm (CE) < 23 dBm (SRRC) |
| Max Bandwidth | 20 MHz |

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| Max Bitrate | 20 Mbps Measured in Control mode, with Broadcast mode turned off. |
| Power Consumption | 8.3 W Measured at a room temperature of 25° C (77° F), when linked in Control mode, at a distance of approximately 10 meters, in a 1T1R setup, with Wi-Fi turned off, using PD for power supply. |
| Power Supply | USB-C Power Supply Type 1: 9 V, 2 A (PD protocol) USB-C Power Supply Type 2: 6.8-17.2 V DC NP-F Battery Power Supply Voltage: 6.8-8.4V |
| Output Video Format | 1080p: 23.98/24/25/29.97/30/50/59.94/60fps 1080i: 50/50.94/60fps (1080i is not available in Broadcast mode). 720p: 50/59.94/60fps |
| Output Audio Format | PCM |
| Video Transmission System | SDR |
| Video Transmission Latency | 80 ms (including camera and screen display latency) 35 ms (excluding camera and screen display latency) Measured when shooting 1080p/60fps video with Broadcast mode turned off. |
| Video Coding Format | H.264 |
| Max Transmission Distance | 3 km (FCC) 2 km (CE/SRRC/MIC) Measured in Control mode, with Broadcast mode turned off. |
| Operating Temperature | -10° to 40° C (14° to 104° F) |