

DJI RS 4 Specification

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Specifications

Accessory Port	Ronin Series Accessories (RSA)/NATO Ports 1/4"-20 Mounting Hole Cold Shoe Video Transmission Port (USB-C) RSS Camera Control Port (USB-C) Focus Motor Port (USB-C)
Battery	Model: BHX711-3000-7.2V Type: LiPo 2S Capacity: 3000 mAh Energy: 21 Wh Max Runtime: 12 hours (Measured with the gimbal balanced in a level and stationary state. When the gimbal is in motion, the operating time will be reduced.) Charging Time: Approx. 2.5 hours (Measured with a charger supporting 18W fast charging. It is recommended to use chargers supporting PD protocol.) Suggested Charging Temperature: 5° to 40° C (41° to 104° F)
Connections	Bluetooth 5.1 Charging Port (USB-C)
Ronin App Requirements	iOS 11.0 or above Android 8.0 or above
Languages Supported by the Touchscreen	English, Simplified Chinese, Traditional Chinese, German, French, Korean, Japanese, Spanish, Portuguese (Brazil), Russian, Thai
Tested Payload	3 kg (6.6 lbs)
Maximum Controlled Rotation Speed	Pan: 360°/s Tilt: 360°/s Roll: 360°/s
Mechanical Range	Pan Axis: 360° continuous rotation Roll Axis: -95° to +240° Tilt Axis: -112° to +214°
Operating Frequency	2.400-2.4835 GHz
Bluetooth Transmitter Power	< 8 dBm
Operating Temperature	-20° to 45° C (-4° to 113° F)
Weight	Gimbal: Approx. 1066 g (2.35 lbs) Grip: Approx. 203 g (0.45 lbs) Extended Grip/Tripod (Plastic): Approx. 183 g (0.4 lbs) Upper and Lower Quick-Release Plates: Approx. 98 g (0.22 lbs)
Dimensions	Folded: 245x255x75 mm (LxWxH, excluding camera, grip, and the Extended Grip/Tripod) Unfolded: 370x191x189 mm (LxWxH, height includes grip and excludes the Extended Grip/Tripod)
Connections	Power/Communication Port (USB-C) HDMI Port (Mini HDMI) RSS Camera Control Port (USB-C)
Expansion Port	Cold Shoe
Operating Frequency	2.400-2.4835 GHz 5.725-5.850 GHz
Weight	126 g (0.27 lbs)
Dimensions	82x63x24 mm (LxWxH)
Transmitter Power (EIRP)	2.400-2.4835 GHz: < 25 dBm (FCC) < 20 dBm (CE/SRRC/MIC) 5.725-5.850 GHz: < 25 dBm (FCC/SRRC) < 14 dBm (CE)



Battery	Capacity: 2970 mAh Compatible Charger: 5 V/2 A Charging Time: Approx. 2.5 hours Operating Time: Approx. 3.5 hours
Transmission Range	200 m (SRRC/FCC) 100 m (CE) Measured in an unobstructed environment free of interference.
Latency	60 ms
Operating Current/Voltage	900 mA/3.7 V
Operating Temperature	0° to 45° C (32° to 113° F)