

Clifton Cameras Product Specification

DJI RS 3 Gimbal Full Spec

Peripheral	Accessory Port	NATO Ports 1/4"-20 Mounting Hole Cold Shoe Video Transmission/Focus Motor Port (USB-C) RSS Camera Control Port (USB-C) Focus Motor Port (USB-C)
Peripheral	Battery	Model: BHX711-3000-7.2V Type: 2S Capacity: 3000 mAh Energy: 21 Wh Max. Runtime: 12 hours Charging Time: Approx. 2.5 hours when using 18W quick charging (supports PD protocol) Suggested Charging Temperature: 5° to 40° C (41° to 104° F)
Peripheral	Connections	Bluetooth 5.0 Charging Port (USB-C)
Peripheral	Ronin App Requirements	iOS 11.0 or above Android 7.0 or above
Peripheral	Languages Supported by the Touchscreen	English, Simplified Chinese, Traditional Chinese, German, French, Korean, Japanese, Spanish, Portuguese (Brazil), Russian, Thai
Working Performance	Tested Payload	3 kg (6.6 lbs)
Working Performance	Maximum Controlled Rotation Speed	Pan: 360°/s Tilt: 360°/s Roll: 360°/s
Working Performance	Mechanical Range	Pan axis: 360° continuous rotation Roll axis: -95° to +240° Tilt axis: -112° to +214°
Mechanical & Electrical Properties	Operating Frequency	2.400-2.484 GHz
Mechanical & Electrical Properties	Bluetooth Transmitter Power	<8 dBm
Mechanical & Electrical Properties	Operating Temperature	-20° to 45° C (-4° to 113° F)

Mechanical & Electrical Properties	Weight	Gimbal: Approx. 990 g (2.18 lbs) Grip: Approx. 200 g (0.44 lbs) Extended Grip/Tripod (Plastic): Approx. 183 g (0.4 lbs) Upper and Lower Quick-Release Plates: Approx. 107 g (0.23 lbs)
Mechanical & Electrical Properties	Dimensions	Folded: 254×230×68 mm (L×W×H, excluding camera, grip, and the Extended Grip/Tripod) Unfolded: 364×187×170 mm (L×W×H, height includes the grip and excludes the Extended Grip/Tripod)
DJI Ronin Image Transmitter	Connections	Power/Communication Port (USB-C) HDMI Port (Mini HDMI) RSS Camera Control Port (USB-C)
DJI Ronin Image Transmitter	Expansion Port	Cold Shoe
DJI Ronin Image Transmitter	Operating Frequency	2.400-2.484 GHz 5.725-5.850 GHz
DJI Ronin Image Transmitter	Weight	126 g (0.27 lbs)
DJI Ronin Image Transmitter	Dimensions	82×63×24 mm (L×W×H)
DJI Ronin Image Transmitter	Transmitter Power (EIRP)	2.400-2.484 GHz: <25 dBm (FCC) <20 dBm (CE/SRRC/MIC) 5.725-5.850 GHz: <25 dBm (FCC/SRRC) <14 dBm (CE)
DJI Ronin Image Transmitter	Battery	Capacity: 2970 mAh
DJI Ronin Image Transmitter		Compatible Charger: 5V/2A
DJI Ronin Image Transmitter		Charging Time: Approx. 2.5 hours
DJI Ronin Image Transmitter		Max Battery Life: Approx. 3.5 hours
DJI Ronin Image Transmitter	Transmission Range	200 m (SRRC/FCC)^[2] 100 m (CE)^[2]
DJI Ronin Image Transmitter	Latency	60 ms
DJI Ronin Image Transmitter	Operating Current/Voltage	900 mAh, 3.7V
DJI Ronin Image Transmitter	Operating Temperature	0° to 45° C (32° to 113° F)
Notes		1. Measured with the equipment in a level and stationary state, the gimbal balanced, three axes in an active state, and the battery only powering the gimbal. 2. In open environments free of obstructions or interference.



	Red changes in Line 29 made by Mengli on 05.23	