



Clifton Cameras Product Specification

DJI Goggles Integra

item_title	spec_key	spec_value
Goggles	Model	RCDS13
Goggles	Weight	Approx. 410 g (battery included)
Goggles	Dimensions (LxWxH)	With antennas folded: 170x104x74.44 mm With antennas unfolded: 205x104x104 mm
Goggles	Screen Size (single screen)	0.49-inch
Goggles	Resolution (single screen)	1920x1080
Goggles	Refresh Rate	Up to 100 Hz
Goggles	IPD Range	56-72 mm
Goggles	FOV (single screen)	44°
Goggles	Video Recording Format	MOV
Goggles	Supported Video Playback Formats	MP4, MOV (video formats: H.264, H.265; audio formats: AAC, PCM)
Goggles	Operating Temperature	-10° to 40° C (14° to 104° F)
Goggles	Power Input	Built-in battery
Goggles	Supported SD Cards	microSD (up to 512 GB)
Goggles	Recommended microSD Cards	SanDisk Extreme U3 V30 A1 32GB microSDXC SanDisk Extreme Pro U3 V30 A1 32GB microSDXC Lexar 1066x U3 V30 A2 64GB microSDXC Lexar 1066x U3 V30 A2 128GB microSDXC Lexar 1066x U3 V30 A2 256GB microSDXC Lexar 1066x U3 V30 A2 512GB microSDXC Kingston Canvas Go! Plus U3 V30 A2 64GB microSDXC Kingston Canvas Go! Plus U3 V30 A2 128GB microSDXC Kingston Canvas React Plus U3 V90 A1 64GB microSDXC Kingston Canvas React Plus U3 V90 A1 128GB microSDXC Kingston Canvas React Plus U3 V90 A1 256GB microSDXC Samsung EVO Plus U3 V30 A2 512GB microSDXC
Video Transmission	Video Transmission	When used with different aircrafts, the goggles will automatically select the corresponding firmware to match the video transmission specification of the aircraft. DJI Avata: O3+

Video Transmission	Operating Frequency	2.4000-2.4835 GHz 5.725-5.850 GHz ^{The 5.8 GHz frequency band is currently banned in certain countries or regions. For details, please refer to local laws and regulations.}
Video Transmission	Transmitter Power (EIRP)	2.4000-2.4835 GHz: < 30 dBm (FCC) < 20 dBm (CE/SRRC/MIC/KC) 5.725-5.850 GHz: < 30 dBm (FCC) < 23 dBm (SRRC) < 14 dBm (CE/KC)
Video Transmission	Transmission Latency	1080p/100fps: as low as 30 ms 1080p/60fps: as low as 40 ms ^{Measured in an open outdoor environment without interference. Actual data varies with different aircraft models.}
Video Transmission	Max Transmission Distance	When used with different aircraft, the goggles will automatically select the corresponding firmware to match the video transmission specification of the aircraft. DJI Avata: 12 km (FCC) 6 km (CE/SRRC/MIC) DJI O3 Air Unit: 10 km (FCC) 2 km (CE) 6 km (SRRC) ^{Measured in an open outdoor environment without interference. Actual data varies with operating environment.}
Video Transmission	Max Video Bitrate	50 Mbps ^{Measured in an open outdoor environment without interference. Actual data varies with operating environment.}
Battery	Weight	Approx. 185 g (headband included)
Battery	Dimensions (LxWxH)	120x48.8x71 mm
Battery	Capacity	2450 mAh
Battery	Voltage	5.6-8.4 V
Battery	Type	Li-ion
Battery	Chemical System	LiNiMnCoO2
Battery	Energy	17.64 Wh
Battery	Charging Temperature	5° to 45° C (41° to 113° F)
Battery	Max Charging Power	15 W (charging when powered off)
Battery	Operating Time	Approx. 2 hours ^{Measured with an ambient temperature of 25° C (77° F), screen brightness at 4, connection to DJI Avata, the video transmission mode set to 1080p/100fps, head tracking off, and the goggles' battery fully charged and not supplying power to external devices such as smartphones.}