DJI O4 Air Unit Pro Specifications

DJI O4 Air Unit Pro

Item	Spec	Spec Value
Air unit	Weight	Air Unit (camera module excluded): Approx. 15.6 g Air Unit (camera module included) : Approx. 32 g Antenna: Approx. 2.1 g/pcs
Air unit	Dimensions	Transmission Module: 33.5×33.5×13 mm (L×W×H) Camera Module: 25.55×20×23.30 mm (L×W×H) Coaxial Cable: 140 mm 3-in-1 Cable: 100 mm Antenna: 110 mm
Video Transmission	Operating Frequency	5.170-5.250 GHz 5.725-5.850 GHz ^{Operating frequency allowed varies among countries and regions. Please refer to local laws and regulations for more information.}
Video Transmission	Transmitter Power (EIRP)	5.1 GHz: <23 dBm (CE) 5.8 GHz: <33 dBm (FCC) <14 dBm (CE) < 30 dBm (SRRC)
Video Transmission	Lowest Latency	With DJI Goggles 3 and pick racing mode: With 1080p/100fps video transmission quality, the latency is as low as 15 ms. With DJI Goggles N3 and pick racing mode: With 1080p/100fps video transmission quality, the latency is as low as 19 ms. With DJI Goggles 2 or Goggles Integra :

		With 1080p/100fps video transmission quality, the video transmission latency is less than 30 ms. ^{Latency data represents the minimum latency during the screen refresh process of DJI Goggles.Tested in an outdoor open environment without interference. The video transmission latency data varies with different devices.}
Video Transmission	Max Video Transmission Range	With DJI Goggles 3/DJI Goggles N3: 15 km (FCC),8 km (CE),8 km (SRRC) ^{Measured in an unobstructed outdoor environment free of interference. The above data shows the farthest communication range under various standards . The actual maximum communication range during flight is limited by the flight endurance of the aircraft. Always pay attention to RTH reminders in the app during your flight.}
Video Transmission	Live View Quality	1080P@30/48/50/60/100fps
Video Transmission	Communication Bandwidth	Max 60 MHz
Video Transmission	Antenna	2 antennas, 2T2R
Video Transmission	Channels	Supports auto mode Supports manual mode: With DJI Goggles 3 or DJI Goggles N3: 60 MHz: 1 channel; 40 MHz: 1 channels; 20 MHz: 3 channels; 10 MHz: 3 channel With DJI Goggles 2 or Goggles Integra : 40 MHz: 1 channel; 20 MHz: 3 channels; 10 MHz: 3 channels
Video Transmission	Channels Info	FCC/SRRC/CE: 60MHz/40 MHz : Channel 1: 5794.5 MHz 20 MHz/10 MHz: Channel 1: 5768.5 MHz Channel 2: 5789.5 MHz Channel 3: 5814.5 MHz

Camera	Image Sensor	1/1.3-inch CMOS Sensor
Camera	Lens	FOV: 155° The equivalent focal length: 12 mm Aperture: f/2.8 Focus: 0.6 m to ∞
Camera	ISO Range	100-25600 (Auto) 100-25600 (Manual)
Camera	Video Resolution	4K(4:3): 3840 x 2880@30/48/50/60fps 4K(16:9): 3840 x 2160@30/48/50/60/100/120fps 2.7K(4:3): 2888 x 2016@30/48/50/60fps 2.7K(16:9): 2688 x 1512@30/48/50/60/100/120fps 1080P(4:3): 1440 x 1080@30/48/50/60/100/120fps 1080P(16:9): 1920 x 1080@30/48/50/60/100/120fps
Camera	Video Format	MP4
Camera	Max Video Bitrate:	130 Mbps
Camera	Color Mode	Normal Mode D-Log M
Camera	Camera FOV	Standard Wide-Angle Ultra Wide-Angle
Camera	EIS	RockSteady 3.0+ Stabilization function off (supports Gyroflow) ^{When RockSteady is enabled, the shooting angle only supports standard.}
Hardware	Input Voltage	7.4-26.4 V
Hardware	Operating Temperature	-10° to 40° C
Storage	Built-in Storage	4GB
Storage	Supported SD Cards	microSD (up to 512 GB)

Storage	Recommended microSD Cards	Lexar Professional 1066x 64GB U3 A2 V30 microSDXC Lexar Professional 1066x 128GB U3 A2 V30 microSDXC Lexar Professional 1066x 256GB U3 A2 V30 microSDXC Lexar Professional 1066x 512GB U3 A2 V30 microSDXC Kingston CANVAS GO! Plus 64GB U3 64GB/A2/V30 microSDXC Kingston CANVAS GO! Plus 128GB U3 64GB/A2/V30 microSDXC Kingston Canvas GO! Plus 256GB U3 A2 V30 microSDXC Kingston Canvas GO! Plus 512GB U3 A2 V30 microSDXC
Compatibility	Supported Flight Controller System	Betaflight 4.3.0 and higher versions
Compatibility	Supported DJI Goggles and Remote Controllers	DJI Goggles 3 + DJI FPV Remote Controller 3 DJI Goggles N3 + DJI FPV Remote Controller 3 DJI Goggles 2/ Goggles Integra + DJI FPV Remote Controller 2 ^{The flight control firmware needs to be configured to support the SBUS protocol in order to use the DJI FPV remote controller.}