

<b>Operating Temperature Range</b>	0°C - 40°C
	2.400 - 2.483 GHz
	FCC: ≤26 dBm
	CE: ≤20 dBm
	SRRC: ≤20 dBm
<b>Transmission Power (EIRP)</b>	MIC: ≤20 dBm
	5.725-5.850 GHz
	FCC: ≤26 dBm
	CE: ≤14 dBm
	SRRC: ≤26 dBm
<b>Battery</b>	3950 mAh
<b>Operating Current/Voltage</b>	1800 mA = 3.83 V
<b>Supported Mobile Device Size</b>	Max length: 160 mm; max thickness: 6.5–8.5 mm
<b>Supported USB Port Types</b>	Lightning, Micro USB (Type-B), USB-C

#### Intelligent Flight Battery

<b>Capacity</b>	3850 mAh
<b>Voltage</b>	15.4 V
<b>Max Charging Voltage</b>	17.6 V
<b>Battery Type</b>	LiPo 4S
<b>Energy</b>	59.29 Wh
<b>Net Weight</b>	297 g
<b>Charging Temperature Range</b>	5°C to 40°C
<b>Max Charging Power</b>	80 W

#### Supported SD Cards

<b>Supported SD Cards</b>	Micro SD™ Supporting Micro SD with capacity up to 128 GB and R/W speed up to UHS-I Speed Grade 3
	32G
	Sandisk V30
	Sandisk Extreme V30 Pro
	64G
<b>Recommended microSD Cards</b>	Sandisk Extreme Pro V30
	128G
	Sandisk Extreme V30
	Sandisk Extreme Pro V30
	Kingston Canvas Go!
	Kingston Canvas React

#### Aircraft

<b>Sensor</b>	1" CMOS Effective Pixels: 20 million FOV: about 77°
<b>Lens</b>	35 mm Format Equivalent: 28 mm Aperture: f/2.8–f/11 Shooting Range: 1 m to ∞ Video: 100–6400
<b>ISO Range</b>	Photo: 100–3200 (auto) 100–12800 (manual)
<b>Shutter Speed</b>	Electronic Shutter: 8–1/8000s
<b>Still Image Size</b>	5472×3648 Single shot Burst shooting: 3/5 frames
<b>Still Photography Modes</b>	Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 0.7 EV Bias Interval (JPEG: 2/3/5/7/10/15/20/30/60s RAW: 5/7/10/15/20/30/60s)
<b>Video Resolution</b>	4K: 3840×2160 24/25/30p 2.7K: 2688×1512 24/25/30/48/50/60p FHD: 1920×1080 24/25/30/48/50/60/120p
<b>Max Video Bitrate</b>	100Mbps
<b>Color Mode</b>	Dlog-M (10bit), support HDR video (HLG 10bit)
<b>Supported File System</b>	FAT32 (≤ 32 GB) exFAT (> 32 GB)
<b>Photo Format</b>	JPEG / DNG (RAW)
<b>Video Format</b>	MP4 / MOV (MPEG-4 AVC/H.264, HEVC/H.265)
<b>Gimbal</b>	
<b>Mechanical Range</b>	Tilt: -135–45° Pan: -100–100°
<b>Controllable Range</b>	Tilt: -90–30° Pan: -75–75°
<b>Stabilization</b>	3-axis (tilt, roll, pan)
<b>Max Control Speed (tilt)</b>	120° /s
<b>Angular Vibration Range</b>	±0.01° (Mavic 2 Pro) ±0.005° (Mavic 2 Zoom)
<b>Remote Controller</b>	
<b>Operating Frequency</b>	2.400 - 2.483 GHz; 5.725 - 5.850 GHz 2.400 - 2.483 GHz; 5.725 - 5.850 GHz
<b>Max Transmission Distance (unobstructed, free of interference)</b>	FCC: 8000 m CE: 5000 m SRRC: 5000 m MIC: 5000 m

<b>Takeoff Weight</b>	Mavic 2 Pro: 907 g Mavic 2 Zoom: 905g
<b>Dimensions</b>	Folded: 214×91×84 mm (length×width×height) Unfolded: 322×242×84 mm (length×width×height)
<b>Diagonal Distance</b>	354 mm
<b>Max Ascent Speed</b>	5 m/s (S-mode) 4 m/s (P-mode)
<b>Max Descent Speed</b>	3 m/s (S-mode) 3 m/s (P-mode)
<b>Max Speed (near sea level, no wind)</b>	72 kph (S-mode)
<b>Max Service Ceiling Above Sea Level</b>	6000 m
<b>Max Flight Time (no wind)</b>	31 minutes (at a consistent 25 kph)
<b>Max Hovering Time (no wind)</b>	29 minutes
<b>Max Flight Distance (no wind)</b>	18 km (at a consistent 50 kph)
<b>Max Wind Speed Resistance</b>	29–38 kph
<b>Max Tilt Angle</b>	35° (S-mode, with remote controller) 25° (P-mode)
<b>Max Angular Velocity</b>	200°/s
<b>Operating Temperature Range</b>	-10°C to 40°C
<b>Operating Frequency</b>	2.400 - 2.483 GHz 5.725 - 5.850 GHz 2.400 - 2.483 GHz FCC : ≤26 dBm CE : ≤20 dBm SRRC : ≤20 dBm
<b>Transmission Power (EIRP)</b>	MIC : ≤20 dBm 5.725-5.850 GHz FCC : ≤26 dBm CE : ≤14 dBm SRRC : ≤26 dBm
<b>GNSS</b>	GPS+GLONASS Vertical: ± 0.1 m (when vision positioning is active) ± 0.5 m (with GPS positioning) Horizontal: ± 0.3 m (when vision positioning is active) ± 1.5 m (with GPS positioning)
<b>Internal Storage</b>	8 GB
<b>Sensing System</b>	
<b>Sensing System</b>	Omnidirectional Obstacle Sensing <sup>1</sup>

<b>Forward</b>	Precision Measurement Range: 0.5 - 20 m Detectable Range: 20 - 40 m Effective Sensing Speed: $\leq 14\text{m/s}$ FOV: Horizontal: $40^\circ$ , Vertical: $70^\circ$
<b>Backward</b>	Precision Measurement Range: 0.5 - 16 m Detectable Range: 16 - 32 m Effective Sensing Speed: $\leq 12\text{m/s}$ FOV: Horizontal: $60^\circ$ , Vertical: $77^\circ$
<b>Upward</b>	Precision Measurement Range: 0.1 - 8 m
<b>Downward</b>	Precision Measurement Range: 0.5 - 11 m Detectable Range: 11 - 22 m
<b>Sides</b>	Precision Measurement Range: 0.5 - 10 m Effective Sensing Speed: $\leq 8\text{m/s}$ FOV: Horizontal: $80^\circ$ , Vertical: $65^\circ$ Forward, Backward and Sides: Surface with clear pattern and adequate lighting (lux > 15)
<b>Operating Environment</b>	Upward: Detects diffuse reflective surfaces (>20%) (walls, trees, people, etc.) Downward: Surface with clear pattern and adequate lighting (lux > 15) Detects diffuse reflective surfaces (>20%) (walls, trees, people, etc.)

#### Charger

<b>Input</b>	100-240 V, 50/60 Hz, 1.8A
<b>Output</b>	Main: 17.6 V = 3.41 A or 17.0 V = 3.53 A USB: 5 V=2 A
<b>Voltage</b>	$17.6 \pm 0.1\text{ V}$
<b>Rated Power</b>	60 W

#### APP

<b>Video Transmission System Name</b>	OcuSync 2.0 GO 4 Remote Controller: 720p@30fps / 1080p@30fps Goggles: 720p@30fps / 1080p@30fps Goggles RE: 720p@30fps / 1080p@30fps
<b>Live View Quality</b>	
<b>Latency (depending on environmental conditions and mobile device)</b>	120 - 130 ms
<b>Max Live View Bitrate</b>	40Mbps