



Package Details and Minimum Specs
Package Drone 3 × 1 Remote Controller × 1 Spare Control Sticks (Pair) × 1 RC Cable (USB Type-C Connector) × 1 RC Cable (Lightning Connector) × 1 RC Cable (Standard Micro-USB Connector) × 1 Flight Battery × 3 3 Low-Noise Propellers (pair) × 6 65W Portable Charger × 1 Drone Storage Cover × 1 Type-C Cable × 1 Battery Charging Hub × 1 Convertible Carrying Bag × 1 ND Filters Set (ND4/8/16/32) × 1
Aircraft <ul style="list-style-type: none">• Takeoff Weight<ul style="list-style-type: none">• Weigh: 895-900 g
<ul style="list-style-type: none">• Dimensions (Folded/Unfolded)<ul style="list-style-type: none">• Folded (without propellers) 221×96.3×90.3 mm (Length×Width×Height)Unfolded (without propellers) 347.5×283×107.7 mm (Length×Width×Height)
<ul style="list-style-type: none">• Diagonal Length<ul style="list-style-type: none">• 380.1 mm
<ul style="list-style-type: none">• Max Ascent Speed<ul style="list-style-type: none">• 1 m/s (C mode)6 m/s (N mode)8 m/s (S mode)
<ul style="list-style-type: none">• Max Descent Speed<ul style="list-style-type: none">• 1 m/s (C mode)6 m/s (N mode)6 m/s (S mode)
<ul style="list-style-type: none">• Max Flight Speed (at sea level, no wind)<ul style="list-style-type: none">• 5 m/s (C mode)15 m/s (N mode)19 m/s (S mode)
<ul style="list-style-type: none">• Max Service Ceiling Above Sea Level<ul style="list-style-type: none">• 6000 m
<ul style="list-style-type: none">• Max Flight Time (no wind)



<ul style="list-style-type: none">• 46 minutes
<ul style="list-style-type: none">• Max Hovering Time (no wind)• 40 minutes
<ul style="list-style-type: none">• Max Flight Distance• 30 km
<ul style="list-style-type: none">• Max Wind Speed Resistance• 12 m/s
<ul style="list-style-type: none">• Max Tilt Angle• 25° (C mode)30° (N mode)35° (S mode)
<ul style="list-style-type: none">• Max Angular Velocity• 200°/s
<ul style="list-style-type: none">• Operating Temperature• -10° to 40° C (14° to 104° F)
<ul style="list-style-type: none">• GNSS• GPS + Galileo + BeiDou
<ul style="list-style-type: none">• Hovering Accuracy Range• Vertical: ±0.1 m (with Vision Positioning); ±0.5 m (with GNSS Positioning)Horizontal: ±0.3 m (with Vision Positioning); ±0.5 m (with High-Precision Positioning System)
<ul style="list-style-type: none">• Internal Storage• 8 GB (available space is approx. 7.2 GB)
Hasselblad Camera <ul style="list-style-type: none">• Sensor• 4/3 CMOS, Effective pixels: 20 MP• Lens• FOV: 84°Format Equivalent: 24 mmAperture: f/2.8 to f/11Focus: 1 m to ∞ (with autofocus)• ISO Range• Video: 100-6400Still Image: 100-6400• Shutter Speed• Electronic Shutter: 8-1/8000 s• Max Image Size• Main Unit: 5280×3956• Still Photography Modes• Single shot: 20MP PhotosAutomatic Exposure Bracketing (AEB): 20 MP, 3/5 bracketed frames at 0.7 EVTimed: 20 MP, 2/3/5/7/10/15/20/30/60 s• Video Resolution



- 5.1K: 5120×2700@24/25/30/48/50fps
- DCI 4K: 4096×2160@24/25/30/48/50/60/120*fps
- 4K: 3840×2160@24/25/30/48/50/60/120*fps
- H.264/H.265
- 5.1K: 5120×2700@24/25/30/48/50fps
- DCI 4K: 4096×2160@24/25/30/48/50/60/120*fps
- 4K: 3840×2160@24/25/30/48/50/60/120*fps
- FHD: 1920×1080p@24/25/30/48/50/60/120*/200*fps
- * Framerates above are recording framerates. Videos will be played as slow-motion videos.
- **Max Video Bitrate**
- H.264/H.265 Bitrate: 200 Mbps
- **Supported File Formats**
- exFAT
- **Photo Format**
- JPEG/DNG (RAW)
- **Video Formats**
- MP4/MOV (MPEG-4 AVC/H.264, HEVC/H.265)

Tele Camera

- **Sensor**
- 1/2-inch CMOS
- **Shutter Speed**
- Electronic Shutter: 2-1/8000 s
- **Lens**
- FOV: 15°
- Format Equivalent: 162mm
- Aperture: f/4.4
- Focus: 3 m to ∞
- **ISO Range**
- Video: 100-6400
- Still Image: 100-6400
- **Max Image Size**
- 4000×3000
- **Photo Format**
- JPEG
- **Video Formats**
- MP4/MOV (MPEG-4 AVC/H.264, HEVC/H.265)
- **Still Photography Modes**
- Single shot: 12MP Photos
- **Video Resolution**
- H264/H.265
- 4K: 3840×2160@30 fps
- FHD: 1920×1080@30 fps
- **Digital Zoom**
- 4x

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Gimbal

• Stabilization

- 3-axis motorized (tilt, roll, pan)

• Mechanical Range

- Tilt: -135° to 100°

Roll: -45° to 45°

Pan: -27° to 27°

• Controllable Range

- Tilt: -90° to 35°

Pan: -5° to 5°

• Max Control Speed (tilt)

- 100°/s

• Angular Vibration Range

- ±0.007°

Sensing

• Sensing System

- Omnidirectional binocular vision system, supplemented with an infrared sensor at the bottom of the aircraft

• Forward

- Measurement Range: 0.5-20 m

Detection Range: 0.5-200 m

Effective Sensing Speed: Flight Speed ≤ 15m/s

FOV: Horizontal 90°, Vertical 103°

• Backward

- Measurement Range: 0.5-16 m

Effective Sensing Speed: Flight Speed ≤ 12m/s

FOV: Horizontal 90°, Vertical 103°

• Lateral

- Measurement Range: 0.5-25 m

Effective Sensing Speed: Flight Speed ≤ 15m/s

FOV: Horizontal 90°, Vertical 85°

• Upward

- Measurement Range: 0.2-10 m

Effective Sensing Speed: Flight Speed ≤ 6m/s

FOV: Front and Back 100°, Left and Right 90°

• Downward

- Measurement Range: 0.3-18 m

Effective Sensing Speed: Flight Speed ≤ 6m/s

FOV: Front and Back 130°, Left and Right 160°

• Operating Environment

- Forward, Backward, Left, Right, and Upward: Surface with a clear pattern and adequate lighting (lux>15)

Downward: Surface with a clear pattern and adequate lighting (lux >15). Diffuse reflective surface with diffuse reflectivity>20% (e.g. wall, tree, person)



Video Transmission

• Video Transmission System

• O3+

• Live View Quality

• Remote Controller: 1080p@30fps/1080p@60fps

• Operation Frequency

• 2.400-2.4835 GHz

5.725-5.850 GHz

• Max Transmission Distance (unobstructed, free of interference and aligned with controller)

• 2.400-2.4835 GHz; 5.725-5.850 GHz

FCC: 15 km

CE: 8 km

SRRC: 8 km

MIC: 8 km

• Signal Transmission Ranges (FCC)

• Strong Interference (urban landscape, limited line of sight, many competing signals):

Approx. 1.5-3 km

Medium Interference (suburban landscape, open line of sight, some competing signals): Approx. 3-9 km

Low Interference (open landscape abundant line of sight, few competing signals):

Approx. 9-15 km

• Max Download Bitrate

• O3+:

5.5MB/s (with RC-N1 remote controller)

15MB/s (with RC Pro remote controller)

Wi-Fi 6:

80MB/s*

*Measured in laboratory environments with little interference in countries/regions that support both 2.4GHz and 5.8GHz, and the footage is saved in the built-in SSD or internal storage. Download speed may vary depending on actual conditions.

• Latency (depending on environmental conditions and mobile device)

• 130 ms (with RC-N1 remote controller)

120 ms (with RC Pro remote controller)

• Antennas

• 4 antennas, 2T4R

• Transmitter Power (EIRP)

• 2.4 GHz: ≤ 33 dBm (FCC); ≤ 20 dBm (CE/SRRC/MIC)

5.8 GHz: ≤ 33 dBm (FCC), ≤ 30 dBm (SRRC), ≤ 14 dBm (CE)

Battery

• Capacity

• 5000 mAh

• Voltage

• 15.4 V

• Charging Voltage Limit

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- 17.6 V
- **Battery Type**
- LiPo 4S
- **Energy**
- 77 Wh
- **Weight**
- 335.5 g
- **Charging Temperature**
- 5° to 40° C (41° to 104° F)

Battery Charger

- **Input**
- 100-240 V AC, 47-63 Hz, 2.0 A
- **USB-C Output**
- USB-C: 5.0 V=5.0 A/9.0 V=5.0 A/12.0 V=5.0 A/15.0 V=4.3 A/20.0 V=3.25 A/5.0~20.0 V=3.25 A
- **USB-A output**
- USB-A: 5 V=2 A
- **Rated Power**
- 65 W

Charging Hub

- **Input**
- USB-C: 5-20 V=5.0 A max
- **Output**
- Battery: 12-17.6 V=5.0 A max
- **Rated Power**
- 65 W
- **Charging Type**
- Charges three batteries in sequence.
- **Charging Temperature Range**
- 5° to 40° C (41° to 104° F)

Car Charger

- **Input**
- Car Power Input: 12.7-16 V=6.5 A, rated voltage 14 V DC
- **Output**
- USB-C: 5.0 V=5.0 A/9.0 V=5.0 A/12.0 V=5.0 A/15.0 V=4.3A/20.0 V=3.25 A/5.0~20.0 V=3.25 A
- USB-A: 5 V=2 A
- **Rated Power**
- 65 W
- **Charging Time**
- Approx. 96 minutes
- **Charging Temperature Range**
- 5° to 40° C (41° to 104° F)

Storage



• Recommended microSD Cards

• Standard bitrate video recommended microSD Cards:

H.265 :

- 5.1K : 5120x2700@24/25/30/48/50fps
- DCI 4K : 4096x2160@24/25/30/48/50/60/120fps
- 4K: 3840x2160@24/25/30/48/50/60/120fps
- FHD : 1920x1080@24/25/30/48/50/60/120/200fps

H.264 :

- DCI 4K : 4096x2160@24/25/30/48/50/60fps
- 4K : 3840x2160@24/25/30/48/50/60fps
- FHD: 1920x1080@24/25/30/48/50/60/120/200fps
- SanDisk Extreme Pro 64G v30 A2 microSDXC
- SanDisk Extreme Pro 128G v30 A2 microSDXC
- SanDisk Extreme Pro 256G v30 A2 microSDXC
- SanDisk Extreme Pro 400G v30 A2 microSDXC
- SanDisk High Endurance 64G v30 XC I microSDXC
- SanDisk High Endurance 128G v30 XC I microSDXC
- SanDisk High Endurance 256G v30 XC I microSDXC
- SanDisk Extreme 128G v30 A2 microSDXC
- SanDisk Extreme 256G v30 A2 microSDXC
- SanDisk Extreme 512G v30 A2 microSDXC
- Lexar 667x 64G microSDXC
- Lexar 667x 128G microSDXC
- Lexar 667x 256G microSDXC
- Lexar High Endurance 64G V30 XC I microSDXC
- Lexar High Endurance 128G microSDXC
- Samsung Evo Plus 64G microSDXC
- Samsung Evo Plus 128G microSDXC
- Samsung Evo Plus 256G microSDXC
- Samsung Evo Plus 512G microSDXC"

High bitrate video recommended microSD Cards:

H.264 :

- 5.1K: 5120x2700@24/25/30/48/50fps
- DCI 4K: 4096x2160@ 120fps
- 4K : 3840x2160@ 120fps
- SanDisk Extreme Pro 64G v30 A2 microSDXC
- SanDisk Extreme Pro 128G v30 A2 microSDXC
- SanDisk Extreme Pro 256G v30 A2 microSDXC
- SanDisk Extreme Pro 400G v30 A2 microSDXC
- SanDisk High Endurance 64G v30 XC I microSDXC
- SanDisk High Endurance 128G v30 XC I microSDXC
- SanDisk High Endurance 256G v30 XC I microSDXC
- Lexar High Endurance 64G V30 XC I microSDXC
- Lexar High Endurance 128G microSDXC
- Lexar 667x 64G microSDXC Lexar 667x 128G microSDXC

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Lexar 667x 256G microSDXC

RC-N1 Remote Controller

- **Remote Controller Transmission System**

- **Max Supported Mobile Device Size**

- 180×86×10 mm (Length×Width×Height)

- **Operating Temperature**

- 0° to 40° C (32° to 104° F)

- **Transmitter Power (EIRP)**

- 2.4 GHz:

- ≤26 dBm (FCC), ≤20 dBm (CE/SRRC/MIC)

- 5.8 GHz:

- ≤26 dBm (FCC/SRRC), ≤14 dBm (CE)

- **Battery Life**

- Without charging any mobile device: 6 hr;

- when charging mobile device: 4 hr

- **Supported USB Port Types**

- Lightning, Micro USB, USB-C