DRONE
Take-Off Weight: 505 g (17.81 oz)
Flight Time: 33 minutes, in no wind environment at a constant speed of 25 km/h (15.5 mph)
Dimensions:
  Folded: 171 x 97 x 60 mm (6.73 x 3.82 x 2.36 in), LxWxH
  Unfolded: 250 x 195 x 60 mm (9.84 x 7.68 x 2.36 in), LxWxH
Max. Speed:
  Angle Mode: 16 km/h (10 mph)
  Manual Mode: 72 km/h (44.7 mph)
  Sport Mode: 72 km/h (44.7 mph)
  IPS Mode: 14.4 km/h (8.9 mph)
  Phone Mode: 18 km/h (11.2 mph)
Battery:
  3S, rechargeable
  Temperature Range: -20°C - 40°C
Satellite Positioning System: GPS, Glonass

APP
Required Operating System:
  iOS v9.0 or above (Voice control iOS v10 or above, Voice control with local processing iOS11 or above)
  Android v5.0 or above (Voice control requires Internet connection)

TECHNICAL SPECIFICATIONS:
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CAMERA
Image Sensor: 1/3.06 inch CMOS
Photo Size:
  4:3 (4160x3120); 16:9 (4160x2340)
Video Resolution:
  4K: 3840x2160 30fps
  1080P: 1920x1080 30fps
  720P: 1280x720 60fps
Photo Format: JPEG/JPEG+DNG
Video Format: MP4/MOV
Video Stabilization: Gimbal stabilized
Controllable Range (Pitch): Between -90° and +15°
FOV: 117°
Equivalent Focal Length: 21.5 mm
Internal Memory: 16 GB (extendable via SD card)
Compatible SD Cards: CLASS 10 U1/U3 up to 128GB
ISO: 100 - 3200 (100 by default)
Electronic Shutter:
  8s - 1/8000s (for photo mode), 1/30 - 1/8000 (for video mode)
Exposure Values:
  0, ±0.5, ±1.0, ±1.5, ±2.0, ±2.5, ±3.0
White Balance: Auto, Lock, Sunny, Cloudy, Fluorescent, Inconiscent
Scene Modes: Nature, Saturation, Soft
Metering Mode: Spot Metering, Center Metering, Average Metering
Photography Mode: Normal, Gesture, Face Detection
Download Speed of Photos: 2 MB/s +

REMOTE CONTROL
Channels: 10
Range:
  (Optimum Conditions): Up to 4 km (2.4 miles) - FCC
  Up to 2 km (1.2 miles) - CE
Battery:
  15.37V 3000mAh LiPo (rechargeable, built-in)
The new Mantis G is the perfect upgrade for your Instagram Story, your vacation video, or your afternoon with friends. Open it up, turn it on, and watch it take off: Now it’s easy to create photos and videos from a whole new perspective. With the new integrated gimbal, you can produce smooth videos in full HD and 4K resolutions – not to mention extremely sharp photos. A single battery charge gives you over 30 minutes of flying time, and the Mantis G’s PX4 flight controller ensures you’ll have no shortage of fun while flying and a nearly legendary degree of stability. Mantis G – next-level content creation!

EXTENDED VOICE CONTROL
Wake up, Mantis – take off! These few words will have your little pal up in the air in no time. If you want, you can fully control the Mantis G with voice commands and record videos and photos. Your Mantis listens for its cues, regardless of if they’re in English, German or French.

SELFIE DRONE DELUXE
3, 2, 1... smile! Whether via the integrated face recognition, gesture command, or selfie timer, every Mantis photo is a slam dunk. For a quick camera flight during some downtime, simply activate the integrated Smart Shots and the Mantis G will automatically snap some impressive pics. The Instant Sharing feature lets you upload photos and videos directly from the app to social media so you can share them with friends.

MANTIS DOES IT YOUR WAY
With the new “Waypoint” feature, you tell the Mantis G where to go – on a map, no less. This allows you to plan flight routes in advance for the perfect shot. Apropos maps: In the event of an unexpected landing, you’ll be able to find your Mantis G on it again. For more Hollywood-style footage, intelligent auto-flight modes such as “Journey,” “Point of Interest,” or “Visual Tracking” are available, thus allowing the drone to continuously follow a marked target.

FAST AND DRONYOUS
With the included controller and the improved indoor positioning system, the drone can be flown indoors as well as outdoors in a stable, precisely controlled manner. The Mantis G has an incredible top speed of 72 km/h (approx. 45 mph) in Sport mode and is not only quiet but also very energy-efficient.

4K TO GO
Whether you’re a snapshot hunter, a selfie queen, or a vlogger: The Mantis G is always ready for spontaneous recordings. Thanks to the integrated gimbal camera, the foldable drone captures stabilized 4K videos and photos in JPEG or DNG format. And with the integrated smart streaming technology and the redundant signal transmission, the operational range of the Mantis G is up to 2 km.

FEATURES
- Foldable, lightweight, and simple
- 4K camera with gimbal stabilization
- Up to 33 minutes of flight time
- Extended voice control
- Intelligent auto-flight modes, waypoints, and Smart Shots
- Visual Tracking and Coming Home modes
- Top speed of 72 km/h (approx. 45 mph)
- Selfie timer
- Includes controller
- Redundant control signal
- PX4-based flight controller
- Indoor positioning system
- Geofence and drone location display
- Includes serial 3-port Charger

BOX CONTENT
Standard (YUNMGEU)
- Mantis G
- 3S Flight Battery (1 pc)
- Spare Props (1 set)
- Remote Control with integrated rechargeable Battery
- Serial 3-port Charger