DJI Phantom 2 Vision Accessory - Extra Battery



Product Name: DJI Phantom 2 Vision Accessory - Extra Battery

Manufacturer: -

Model Number: TGS2046

This powerful, easy to fly quadcopter sports not only a built-in anti-vibration camera, but also smartphone compatibility. That means you can view, in real time, what the camera’s looking at when it’s soaring 300 meters above your head. This is the hottest camera-toting quadcopter on the block!
The advent of affordable quadcopters has made aerial photography accessible for almost anybody. Getting really good results still often takes a bit more than just attaching a GoPro to a quadcopter. Now, DJI has launched the DJI Phantom 2 Vision, which comes with a built-in camera you remotely control through your phone. As far as out-of-the-box quadcopters go, the Vision sets a new standard for anybody who wants to get into aerial photography and is a heck of a lot of fun to fly.
Just like its predecessor, the Vision has a built-in GPS unit that allows it to fly back home if the connection to the remote controller is ever interrupted.
What makes the new Phantom stand out though, is the fact that you get a direct video downlink from the camera that shows up on your iPhone or Android device. To do this, DJI built a mobile app and added a Wi-Fi extender to the remote. As the remote has a range of up to 500 meters, the Wi-Fi connection between the phone and Vision has a range of 300 meters. With the USB-charged Wi-Fi extender, you should be able to keep the video going up to about 300 meters, though all of this always depends on your local conditions, too.
The phone app comes in handy for more than just seeing the video link. It also includes a heads-up display with all the pertinent information about your flight, including speed, distance, height and battery life. You can also use it to see a radar-like screen that tells you where exactly your quadcopter is in relation to your own position.
Unlike the previous Phantom, which had a battery life of about 10 minutes, the Vision comes with a far more powerful battery. The high capacity, high performance 5200mAh Lithium Polymer battery offers up to 25 minutes of flight time. Built in intelligence provides battery capacity data, over charge/discharge protection, as well as maintenance reminders making the battery extremely safe and reliable. Integrated battery compartment allows battery changes in a matter of seconds.
How hard is it to fly the Vision? If you&#39re not an experienced RC flyer, don&#39t stress, because just like the earlier Phantom, the Vision is pretty easy to get in the air and land after you’ve watched the introductory videos. Once it’s flying, the live video and radar scope make it straightforward to stay in control, though inexperienced flyers should definitely go slow at first. This isn’t a toy, after all, and it has four fast-spinning rotors that could easily hurt somebody. Because of this, you probably want to stay away from people at first (and trees, power lines and everything else, really).
5.8GHz Remote Controller (with Mobile Phone Holder)
Remote contrlld capture via mobile phones. Wi-Fi ranger extender. Low latency live previews (0.1s)
The high capacity, high performance 5200mAh Lithium Polymer battery offers up to 25 minutes of flight time. Integrated battery compartment allows battery changes in a matter of seconds.
High quality camera that shoots full HD video at 1080p30/60i and takes 14 megapixel still photos. Tilt control can be remotely controlled through the App.
Camera settings can be adjusted using your mobile device such as picture quality, ISO settings, exposure compensation, white balance, RAW or JPEG format wireless through the App.
Keep track of the current flight status with the onscreen display overlay
The integrated GPS auto-pilot system offers position holding, provides altitude lock along with stable hovering giving you constant stable flights so you can focus on

DJI Phantom 2 Vision Accessory - Extra Battery

getting the shots.
The flight radar can display the current position of the Phantom 2 Vision in relation to the pilot. Exceed the control range of the Remote Controller and you'll trigger the 'Return-to-Home' feature which will automatically fly the Phantom 2 Vision back and safely land at its takeoff point.
Features
• Aircraft and camera integration, light weight, multi-functional
• Camera remote-control via DJI VISION app on mobile device
• Wi-Fi communication distance increased to up to 300m via Range Extender
• Built-in anti-vibration gimbal with self-stabilizing function
• Low-voltage protection
• Locate aircraft position with virtual radar overlay via mobile device
• Gimbal Tilt Range
• Supports multi-capture, continuous capture, and timed capture
• Supports HD Video Recording (1080p30/1080i60)
• Support both RAW and JPEG picture formats
Aircraft Specifications
• Battery: 5200mAh LiPo
• Flight Load Bearing: 1160g
• Hovering Accuracy (GPS Mode): Vertical: ± 0.8m. Horizontal: ± 2.5m
• Max Yaw Angular Velocity: 200°/s
• Max Tilt Angle: 35°
• Max Ascent Speed: 6m/s
• Max Descent Speed: 3m/s
• Max Flight Velocity: 15m/s (not recommended)
• Diagonal distance (motor center to motor center): 350mm
• Tilting Range of Gimbal: 0°-60°
Transmitter Specifications
• Operating Frequency: 5.8 GHz ISM
• Communication Distance (open area): CE:300m; FCC 500m
• Receiving Sensitivity (1%PER) -93dBm
• Transmitting Power: CE: 25mw; FCC: 125mw
• Working Current Voltage: 80 mA@6V
• Battery: 4AA Batteries
Camera Specification
• Resolution: 14 Megapixels
• FOV: 140°/120°/90°
• Sensor Size: 1/2.3
• Functions: Support of multi-capture, continuous capture and timed capture; Support of HD Recording (1080p30/1080i60); Supports of both RAW and JPEG picture format
Ranger Extender
• Operating Frequency: 2412-2462MHz
• Communication Distance (open area): 300m
• Transmitting Power:
• Power Consumption: 1.5W
DJI Vision App
• Supported Mobile Divices: iOS version 6.0 or above/Android system 4.0 or above
• Functions: Real-time video transmission and FPV flight; Camera remote controland setting; Album synchronization and share

Price: R2,878.80

DJI Phantom 2 Vision Accessory - Extra Battery

Availability: This product was added to our catalog on Monday 28 July, 2014