



**MOBILE CCTV**  
— SOLUTIONS —

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# Mobile CCTV Solutions and DJI Phantom 4



**Bringing you Security from Above**

## Overview

The DJI Phantom 4 RTF is an easy to use flying camera, powered by the world's most advanced artificial intelligence technology. It's sleek, refined and elegant – a leader.

## Features

- RTF drone with 4K camera
- 1/2.3" Effective pixels: 12 M camera sensor
- Multiple still photography & video recording modes
- Push/pull release props
- Flying weight of 1380g
- 2.400 GHz to 2.483 GHz remote control operating frequency
- Intelligent 5350 mAh flight battery
- -90° to +30° gimbal controllable range
- Reach speeds of 20m/s, in sport mode
- Includes powerful 17.4V charger
- Have fun flying for nearly 30 minutes!

## The DJI Phantom 4: Making what's impossible, possible



The Phantom 4 [drone](#) is a game changer in **aerial photography** and **film making**. It's polished shell and composite core underbelly is constructed for durability. Its reinforced [gimbal](#) gives you more control, and the advanced motors increase your flight efficiency.

The Phantom 4 looks good, and performs even better.



## Pick your target and track it... using Active Track

Active Track lets you track a moving object without the need of a separate GPS tracker. All you need to do is tap on your mobile device screen inside the DJI GO app and choose the object. The technology will focus on that object and track it, automatically.

With the [DJI Phantom 4](#), you can literally fly with a 360-degree view. And it's 5km flight range makes it possible to go further than you ever have before.

## Obstacle Sensing System



The Phantom 4 includes four new sensors, in front and underneath, so it can see everything up to 50 feet away – and 30 feet below.

Road, rocks, trees, water... the Phantom 4 knows when its close, through the Obstacle Sensing System. This means you'll always know when obstacles are present, before you see them.



## All new sport mode



Have you got a need for speed? The Phantom 4's all-new Sport mode is available through three new modes – standard, and two self-flying innovations, TapFly and ActiveTrack. In either of these two new Sport modes, you can fly up to speeds of *72km/h* – as you move gracefully and smoothly through the sky. And if you want to hover in position, simply press the 'Pause' button during any Intelligent Flight Mode, ActiveTrack or TapFly.

## High operating, customisable remote control



The remote control and real-time feed uses DJI's Lightbridge technology, to deliver great range, up to 5km. No interferences. No dropouts. This means you'll get the exact view of your flight, so your shots match what you're seeing on your screen. No delays!

You can also customise all the controls, from the sensitivity of the control sticks to the functionality of dedicated buttons - so you can fly your way.



With the tap of a finger, you can fly in any direction, without your remote. All you need is Obstacle Avoidance switched on, and the Phantom 4 will automatically avoid obstacles, hover or slow down. It'll even reroute and move around an obstruction, all by itself. This is all possible with TapFly.

## The Phantom 4 camera, in a snapshot



As with all things DJI, innovation and progression is at the core of its new products... and the Phantom 4 camera is no different. Improved for image quality, the chromatic aberration is reduced by more than half, and the lens is 36% less distorted – compared to the Phantom 3.

But it's not only the lens that's been improved. The camera's firmware is now able to capture 120fps video in full 1080p FHD for creating great videos. It also runs perfectly with ActiveTrack and TapFly modes.

Not only do you get smooth, perfect flying but you get smooth, perfect videos too.



# Specifications

## Weight (Including Battery)

1380 g

## Max Ascent Speed

6 m/s (Sport mode)

## Max Descent Speed

4 m/s (Sport mode)

## Max Speed

20 m/s (Sport mode)

## Max Service Ceiling Above Sea Level

19685 feet (6000 m) (Software altitude limit: 400 feet above takeoff point)

## Max Flight Time

Approx. 28 minutes

## Operating Temperature Range

32° to 104° F (0° to 40° C)

## Satellite Systems

GPS / GLONASS

## Hovering Accuracy

Vertical: +/- 0.1 m (when Vision Positioning is active) or +/-0.5 m

Horizontal: +/- 0.3 m (when Vision Positioning is active) or +/-1.5 m

## Obstacle Sensory Range

2 - 49 feet (0.7 - 15 m)

## Operating Environment

Surface with clear pattern and adequate lighting (lux > 15)

## Camera Sensor

1/2.3" Effective pixels:12 M

## Camera Lens

FOV ( Field Of View ) 94° 20 mm ( 35 mm format equivalent ) f/2.8 focus at ∞

## ISO Range

100 - 3200 ( video ) 100 - 1600 ( photo )

## Electronic Shutter Speed

8 s to 1/8000 s

## Max Image Size

4000×3000



### Still Photography Modes

Auto Exposure Bracketing ( AEB ): 3 / 5 bracketed frames at 0.7 EV Bias  
Time-lapse  
HDR

### Video Recording Modes

UHD: 4096×2160 (4K) 24 / 25p  
3840×2160 (4K) 24 / 25 / 30p  
2704×1520 (2.7K) 24 / 25 / 30p  
FHD: 1920×1080 24 / 25 / 30 / 48 / 50 / 60 / 120p  
HD: 1280×720 24 / 25 / 30 / 48 / 50 / 60p

### Max Video Bitrate

60 Mbps

### Supported File Systems

FAT32 ( ≤ 32 GB ); exFAT ( > 32 GB )

### Photo

JPEG, DNG ( RAW )

### Video

MP4 / MOV ( MPEG – 4 AVC / H.264 )

### Supported SD Cards

Micro SD, Max capacity: 64GB. Class 10 or UHS-1 rating required

### Operating Temperature

32° to 104° F ( 0° to 40° C )

### Gimbal Controllable Range

Pitch: -90° to +30°

### Vision Positioning System Velocity Range

≤10 m/s ( 2 m above ground )

### Altitude Range

0 - 33 feet ( 0 - 10 m )

### Operating Range

0 - 33 feet ( 0 - 10 m )

### Operating Environment

Surfaces with a clear pattern and adequate lighting ( lux > 15)

### Remote Controller Operating Frequency

2.400 GHz to 2.483 GHz

### Max Transmission Distance

FCC Compliant: 3.1 mi ( 5 km );  
CE Compliant: 2.2 mi ( 3.5 km )( Unobstructed, free of interference )



**Operating Temperature**

32° to 104° F ( 0° to 40° C )

**Battery**

6000 mAh LiPo 2S

**Transmitter Power ( EIRP )**

FCC: 23 dBm; CE: 17 dBm

**Operating Voltage**

7.4V @ 1.2A

**Intelligent Flight Battery Capacity**

5350 mAh

**Voltage**

15.2 V

**Battery Type**

LiPo 4S

**Energy**

81.3 Wh

**Net Weight**

462 g

**Operating Temperature**

14° to 104° F ( -10° to 40° C )

**Max Charging Power**

100 W

**Brand**

DJI