Parrot
AR.Drone 2.0

Fly, Record & Share

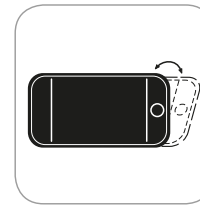# Parrot
AR.Drone 2.0

Fly, Record & Share

AR.Drone 2.0 stands right at the crossroads where high-end technology meets Icarus' dream. Fly like a bird. View the earth from high above in high definition and share your experience online with the world. With its intuitive smartphone and tablet control you'll never be closer to flying.
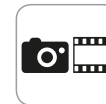
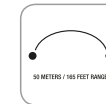INTUITIVE
**SMART
PHONE**
CONTROL

HD
CAMERA
1280 x 720

STABILISATION SYSTEM

PHOTO/VIDEO RECORDING

50 METERS / 165 FEET RANGE

50 M / 165 FEET RANGE

REAL / TIME VIDEO FEEDBACK

INDOOR PLAYGROUND

OUTDOOR PLAYGROUND

TECHNOLOGICAL ARTISTRY

HD VIDEO RECORDING

Get high definition live video streaming to your smartphone or tablet as you are flying. See a clean, sharp image just as if you were in the pilot seat.

- HD Camera. 720p 30fps
- Wide angle lens : 92° diagonal
- H264 encoding base profile
- Low latency streaming
- Video storage on the fly with the remote device
- JPEG photo capture
- Traveling, Pan, Crane predefined autopilot modes for video recording

ROBUST STRUCTURE

Trying your most daring tricks won't even challenge this cutting edge design which is made to last.

- Foam to isolate the inertial center from the engines' vibrations
- EPP hull injected by a sintered metal mold
- Carbon fiber tubes : Total weight 380g with outdoor hull, 420g with indoor hull
- High grade 30% fiber charged nylon plastic parts
- Liquid Repellent Nano-Coating on ultrasound sensors
- Fully reparable: All parts and instructions for repairing available on the internet

MOTORS

Fly high. Fly fast. Far away from the ground.

- 3 elements 1.000 mA/H LiPo rechargeable battery
- Specific high propelled drag for great maneuverability
- 8 MIPS AVR CPU per motor controller
- 4 brushless inrunner motors. 14.5 watt and 28 500 rpm when hovering
- Self-lubrificating bronze bearings
- Tempered steel propeller shafts
- Low noise Nylatron gears for 8.625 propeller reductor
- Micro ball bearing
- Rare earth magnets
- Emergency stop controlled by software
- Fully reprogrammable motor controller
- Water resistant motor's electronic controller

ELECTRONIC ASSISTANCE

AR.Drone 2.0 on-board technology gives you extreme precision control and automatic stabilization features.

- 1GHz 32 bit ARM Cortex A8 processor with 800MHz video DSP TMS320DMC64x
- 1Gbit DDR2 RAM at 200MHz
- Wi-Fi™ b/g/n
- 3 axis accelerometer +/- 50mg precision
- 3 axis gyroscope 2000°/second precision
- Pressure sensor +/- 10 Pa precision (80 cm / 2.6 feet at sea level)
- 60 fps vertical QVGA camera for ground speed measurement
- 3 axis magnetometer 6° precision
- Ultrasound sensors for ground altitude measurement
- Linux 2.6.32
- USB 2.0 high speed for extensions

THE MOST INTUITIVE WAY OF FLYING

AR.FreeFlight 2.0

DOWNLOAD **FOR FREE**

Available in **Android Market**

Available on the **App Store**

Control the AR.Drone 2.0 with your smartphone (iPhone®, iPod® Touch, Android™ 2.2 and above) or tablet (iPad™ or Android™) for an instinctive piloting experience. Your movements command the AR.Drone 2.0.

- Download AR.FreeFlight 2.0 control application for free on the App Store or the Android Market

- Tilt your smartphone or tablet to pilot the AR.Drone 2.0.

- Several control modes from beginner to expert including the new patented "Absolute Control" mode. Be a flying ace in 5 minutes top!

- Record and share videos and pictures straight from the piloting interface.

- Store and share your flight data (time, speed, altitude …) to unlock community achievements*.

- Director mode: easily program AR.Drone 2.0 automatic flights to record the shots of your dreams*.

- Geolocate your flights and connect with a community of pilots to discover the best flying spots and videos from all over the world or check who is flying in your neighborhood*.

▶ **HOMEPAGE**

Explore a thorough application with a new user-friendly interface.

▶ **SHARE YOUR PICTURES & VIDEOS**

With its built-in sharing options you are just one click away from showing the world your best shots.

You Tube READY

▼ **FLIGHT INTERFACE**

*check availability on ardrone.com

Parrot
AR.Drone2.0

Use Mobiletag application to read this QR Code:

**WATCH
THE LATEST
AR.DRONE
VIDEOS**