

## Components



- **mdPRO: mdFLY plus 'BASE STATION'**
- High endurance 4-rotor VTOL (vertical take off & landing)
- Complete carbon construction
- Flight controller
- Navigation controller
- Gearless brushless motors
- Double-super FM-receiver
- Landing gear
- Antenna
- Attitude/altitude control
- Flight duration approx. 20 min
- Live video transmitter
- <900g weight
- >200g payload
- >500m range
- Diameter < 1m
- Low noise (< 63dBA @3m)
- Water-protected with IO-controller
- 5V/1A supply
- 2x standard servo
- 2x switch channel 5V/16V
- 1A load
- RS-232 extension for zoom camera & other special equipment
- FM-synthesizer transmitter 13-channel, 35/40/41MHz
- GPS Position hold device
- Carbon blades, 370mm (front and rear motor)
- 2x LIPO accu 4s, 14.8V, 2300mAh Battery packs
- Peli case, dimensions 800 x 581 x 479mm



- 1.4 megapixel video eyeglasses for a Pilot's-eye-View
- 2.4 GHz 4-fold diversity receiver, high gain antenna
- Internal power supply, inputs: 230/115VAC, 12/14.8VDC
- 1e Mains and car/van charger
- LiPo Battery Charger and true single cell balancer
- 20min Quick charge allowing near continuous flight
- USB video framegrabber,
- Video splitter 3x out
- 2x LIPO accu 4s, 14.8V, 2300mAh (same as in Ready-to-Fly)
- Peli case (fits into Ready-to-Fly Case), dimensions 486 x 392 x 192mm
- Laptop provision (not included although available with software suite pre-loaded)
- Realtime video
- CDRW/DVDRW/HD or onboard SDcard data
- Flight recorder analysis
- Tutorial software
- Colour: White



Video transmitter for Pilot's Eye View  
 2.4GHz analogue @200mW



10mp stills (3648x 2736 Pixel) w/ stabilisation,  
 1GB card, IR trigger & tilt control



GPS-position hold, GPS-receiver  
 and antenna plus 3D-magnetometer