

ZD-3100 UAV Platform Specifications



TECHNICAL SPECIFICATIONS



Dimensions: 628 × 840 mm,
automatic folding structure



Wheelbase: 840 mm



Propellers: 14-inch carbon fiber
propellers



Motor: FQ3115 heat-dissipating
cooling fan motor, 800KV



Empty Weight: 3.5 kg, including battery



Standard Payload: 4 kg



Maximum Payload: 4.5 kg



Signal
Transmission Range: **20 km**



FLIGHT TIME

45 min

- 45 minutes without payload
- 45 minutes with
standard payload
- 35 minutes with
maximum payload



Maximum Flight Speed: **15 m/s**



Maximum Ascent Speed: **5 m/s**



Maximum Descent Speed: **3 m/s**



WIND RESISTANCE

- Level 5 wind resistance
during aerial cruise
- Level 4 wind resistance
during near-ground takeoff and landing



Maximum Takeoff and
Landing Altitude:

3,000 m
above sea level



MAXIMUM FLIGHT ALTITUDE

- ≥2,000 m when taking off below 1,000 m altitude
- ≥1,000 m when taking off above 1,000 m altitude



DIMENSIONS
628 × 840 mm
Auto Folding
Structure



PROPELLERS
14-inch
Carbon Fiber
Propellers



MOTOR
FQ3115
Cooling Fan Motor
800KV



PAYLOAD
Standard: 4 kg
Maximum: 4.5 kg



RANGE
20 km
Signal Transmission
Range



FLIGHT TIME
45 min
(No Payload)



SPEED
15 m/s
Max Flight Speed



WIND RESISTANCE
Level 5 (Cruise)
Level 4 (Takeoff/Landing)



ALTITUDE
3,000 m
Max Takeoff &
Landing Altitude