

# ROC SPEC SHEET

Technical Specifications	
Wingspan:	250cm
Maximum Operating Altitude:	4,000m ASL
Wind Resistance at flight altitude:	MR 45 KPH FW 65 KPH
Cruise Speed:	19-22m/s
Max payload:	2.5 kg
MTOW:	13.5 kg
Maximum Operating Temperature:	50 Degrees Celsius (for battery safety)
Landing and take off:	VTOL
Flight time (on a single battery):	up to 3.5 hours
Bidirectional telemetry/HD video range:	over 30km

MULTIPLE REDUNDANCY FOR SAFE OPERATION	
• Triple IMUs	• Dual GNSS/GPS (multi constellation)
• Dual airspeed sensors	• Automatic stall recovery by quad motors
• Dual Compass	• ADS-B receiver