

indrones

Sigma100 Series



The Sigma100 series series are powerful small class drones with a Take Off weight of under 7 kg, delivering superior performance and low energy consumption. Their commercial grade capabilities are enhanced by a sleek, rugged carbon fibre body and durable hardware, distinguishing them from competitors.

Technical Data Sheet

UAV Specifications	Value
Operating Altitude	400 ft AGL
Cruise Speed	12 m/s
Maximum Take-off Weight (MTOW)	< 7000 g
Battery	32000 mAh
Recommended Payload Mass	800 g
Maximum RPM	11760 RPM
Dimensions	800 x 800 x 300(mm)
Flight Time	80 min
Operational Conditions	
Temperature	-10°C to 60°C
Humidity	Maximum 95%
Wind Tolerance	Steady up to 12 m/s
Flight Radius	4000 m
Ceiling Altitude	Up to 5000 m
Compatible Payloads	Integrated Day & Night 4K camera; Multispectral; LIDAR; 10x optical Zoom