

indrones

Sigma100 Series



The Sigma100 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 fiber 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	80min
Operational Conditions	
Temperature	-15°C to 55°C
Humidity	Maximum 95%
Wind Tolerance	Steady up to 20 m/s
Flight Radius	4000 m
Ceiling Altitude	Up to 5000 m
Compatible Payloads	Integrated Day & Night 4K Camera; Multispectral; LIDAR; 10x Optical Zoom Camera