

Nimbus Pro 1900mm



SPECIFICATIONS

Drone Type	VTOL 4+1 Motors
Material	Strong Lightweight EPO Body
Wingspan	1900 mm
Max payload	1000 gr
All Up Weight	8 Kg
Max Flight Time	1 hr
Max Travel Distance	60 km
Cruise Speed	50-80 kph
Setup Time	3 minutes
Battery power	22000mah 6S LiPo
Telemetry	433 mhz
Max comm distance	10 km
Camera	Sony A7R m ii
Resolution	42 MP
PPK GPS	Emlid M2

PPK System

Brand	Emlid
Model Number	Reach M2
Dimensions	15.4 x 45.3 x 14.6 mm
Operating	-20 to 65 deg C
Input voltage on USB and JST-GH	4.75 V
Static horizontal	4 mm + 0.5 ppm
Static vertical	8 mm + 1 ppm
Kinematic horizontal	7 mm + 1 ppm/li
Kinematic vertical	14 mm + 1 ppm
Frequency range	868/915 MHz
Distance	Upto 8 km
Bluetooth	4.0/2.1 EDR
Internal storage	16 GB

