

RAVEN TAR TECHNICAL SPECIFICATIONS

Technical Specifications

Product Pictures

Model	Raven TAR
Dimensions	1.755 mm X 1.520 mm X 690 mm
Folded Dimensions	950 mm X 880 mm X 550 mm
Folding Direction	Side
Wheelbase	1,620 mm
Battery	12S - 16,000mAh
Empty Weight	19.5 kg (batteries included)
Maximum Take-off Weight	36 kg
Maximum Payload	16 kg
Positioning Accuracy	Vertical 0.2 m / Horizontal 0.2 m (in GPS Mode)
Maximum Yaw Rate	150°/s
Maximum Roll Angle	35°
Maximum Ascent Rate	5 m/s
Maximum Descent Rate	3 m/s
Maximum Cruise Speed	20 m/s
Maximum Altitude	400 m (Software limited)
Wind Resistance	40~50 km/h
Maximum Wlight Time	12 mins(Full Load)
Motor Type	HobbyWing X8
Propeller Size	3090, Composite Foldable
Landing Gears	Fixed
Operation Temperature	-20 °C - 50 °C
Water Protection	IP44
Payload Integration	Easy mount - quick release mechanism
Battery Capacity	16,000 mAh
Battery Voltage	22.2 V
Battery Type	Lithium Polymer
Battery Power	222 Wh (Single battery)
Battery Operation Temperature	0 °C - 50 °C
Battery Storage Temperature	Less than 3 months : -20 °C - 55 °C More than 3 months: 22 °C - 28 °C
Battery Charging Temperature	5 °C - 35 °C
Maximum Charge Capacity	500 W (1,000 W optional)
Remote Frequency	2.4 GHz
Remote Controller Range	10,000 meters

