



RB21H

ACOUSTIC PERFORMANCE

Parameter	Details
Peak SPL@1m	142dBA
Continuous SPL@1m	134dBA
Acoustic Beam Angle	±20° /-3dB
Max Range	501m

ACOUSTIC MODULE MECHANICAL

Parameter	Details
Height	73 mm
Diameter	201 mm
Material	Aluminum Alloy and Plastic
Protection Level	IP65
Remote Control	TCP/IP
Acoustic Module Count	2



PERFORMANCE PARAMETERS

Maximum Speed	35 km/h
Cruising Speed	18 km/h
Maximum Climbing Angle	17°
Maximum Overrun Height	300 mm
Zero to Max-Speed Time	2.5 s
Zero to Max-Speed Distance	5.0m
Max-Speed to Zero Time	2.8 s
Max-Speed to Zero Distance	6.5m

BASIC PARAMETERS

Diameter	800 mm
Weight	150 kg
Battery Capacity	2,400 wh
Charging Time	≤3h
Navigation Time	≥8h
Navigation Mileage	≥100 km
Protection Level	IP68
Exploration Proof	Ex-d-IIB

ENVIRONMENTAL ADAPTABILITY

Environmental adaptability		
Rain	Heavy	(Rainfall:140mm/12h)
Snow	Heavy	(Snowfall:15mm/12h)
Hail	Large	(Hail Diameter:50mm)
Fog	Strong	(Horizontal Visibility:50m)
Haze	Severe	(Horizontal Visibility:50m)
Wind	Grade 8	(Wind-Speed:20.7 m/s)
Thunder	Level 4	
Earthquake	Richter 5.5/Mackenzie VIII	
Temperature	-25~65°C	