



RH40Y

MECHANICAL

Parameter	Details
Dimensions	965mm (W)x891mm (H)x392mm (D)
Weight	75 kg
Material	aluminum alloy

ACOUSTIC PERFORMANCE

Parameter	Details
Peak SPL@1m	161dBA
Continuous SPL@1m	151dBA
Max Range	3548 m
Acoustic Beam Angle	±15° @ 2kHz/-3dB



Mandatory accessories-X70PAD

Parameter	Details
Dimensions	230 mm*131 mm*250 mm
Weight	0.88 kg
Material	Composite materials

ELECTRICAL REQUIREMENTS

Parameter	Details
Power Consumption	600 W
Power Input	220VAC/24VDC

ENVIRONMENTAL PERFORMANCE

Parameter	Details
Hot Operating Temp	MIL-STD-810G, Method 501.5, Procedure II, Design type Hot, 60°C
Cold Operating Temp	MIL-STD-810G, Method 502.5, Procedure II, Design type Basic Cold, -33°C
Hot Storage Temp	MIL-STD-810G, Method 501.5, Procedure I, 70°C
Cold Storage Temp	MIL-STD-810G, Method 502.5, Procedure I, -40°C
Operating Humidity	MIL-STD 810G, Method 507.5, Procedure II, Aggravated Cycle
Rain	MIL-STD-810G, Method 506.5, Procedure I, Blowing rain
Salt Fog	MIL-STD-810G, Method 509.5
Shipboard Vibration	MIL-STD-167-1A
Shipboard Shock	MIL-S-901D, Shipboard Shock, Class I, Shock grade B
Random Vibration	MIL-STD-810G, Method 514.6, Wheeled Vehicles

SAFETY

*Designed to meet MIL-STD-810G, MIL-STD-167-1A & MIL-S-901D

Parameter	Details
safety	MIL-STD-1474D

ELECTROMAGNETIC COMPATIBILITY (EMC)

Parameter	Details
EMC	FCC Part 15 class A radiated emissions; CE; MIL-STD-461F



Optional LED lighting



MECHANICAL

Parameter	Details	
Dimensions(mm)	255l×148w×142h	255l×444w×142h
Weight(kg)	2.800	12.000

Optical PERFORMANCE

Parameter	Details	
luminous intensity(cd)	1,562,500	3,000,000
luminous flux(lm)	16,000	55,800
Irradiation Angle(degrees)	6	8~16
Illumination distance(m)	2700	3500
Light Source Type	LED	

ELECTRICAL REQUIREMENTS

Parameter	Details	
Power Consumption(W)	250	750



Standard X70 Control PAD



Main hardware parameters

Touch Screen	7-inch 10 point capacitive touch screen
Monitor	7-inch full view industrial grade display FHD (1920 * 1080) resolution, high brightness, high color gamut, 2600nit, fully visible under strong light
Battery	10000mAh

Industrial Design and Reliability

Vibration protection	1-19Hz/1.0mm amplitude 19-200Hz/1.0g acceleration
Fall and impact Protection	Compliant with MIL-STD-810G Drop Protection Test Standard/Touchscreen Impact Protection Level IK05
Waterproof grade	Grade 7 waterproof IEC 60529
Dust proof level	Level 6 dustproof IEC 60529
Reliability	MTBF>5000h; MTTR<0.5h
Operating temperature	-20 ° C to 50 ° C
Storage temperature	-40 ° C to 70 ° C
Relative humidity	5% to 95%
Height	Maximum height: 4,500 m

Certification/Operating System/Software

Certificate support	3C/IP67 (IEC 60529)
System language	Chinese, Traditional Chinese, English, Spanish, Portuguese (Brazil), Portuguese (Portugal), Italian, German, Dutch, French, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hindi, Hebrew, Simplified, etc.
Operating system	Android 11



RP10D

MECHANICAL

Parameter	Details
Dimensions	200w×216d×276h(mm)
Weight	4.8kg
Material	aluminum alloy

ACOUSTIC PERFORMANCE

Parameter	Details
Peak SPL@1m	142dBA
Continuous SPL@1m	128dBA
Max Range	251m



ELECTRICAL REQUIREMENTS

Parameter	Details
Power Consumption	120W/60W
Battery Capacity	2900mAh 52.2Wh

ENVIRONMENTAL PERFORMANCE

Parameter	Details
Hot Operating Temp	MIL-STD-810G, Method 501.5, Procedure II, Design type Hot, 60°C
Cold Operating Temp	MIL-STD-810G, Method 502.5, Procedure II, Design type Basic Cold, -33°C
Hot Storage Temp	MIL-STD-810G, Method 501.5, Procedure I, 70°C
Cold Storage Temp	MIL-STD-810G, Method 502.5, Procedure I, -40°C
Operating Humidity	MIL-STD 810G, Method 507.5, Procedure II, Aggravated Cycle
Rain	MIL-STD-810G, Method 506.5, Procedure I, Blowing rain
Salt Fog	MIL-STD-810G, Method 509.5
Shipboard Vibration	MIL-STD-167-1A
Shipboard Shock	MIL-S-901D, Shipboard Shock, Class I, Shock grade B
Random Vibration	MIL-STD-810G, Method 514.6, Wheeled Vehicles

SAFETY

*Designed to meet MIL-STD-810G, MIL-STD-167-1A & MIL-S-901D

Parameter	Details
safetuy	MIL - STD - 1474D

ELECTROMAGNETIC COMPATIBILITY (EMC)

Parameter	Details
EMC	FCC Part 15 class A radiated emissions; CE: MIL-STD-461F



RP40Z

MECHANICAL

Parameter	Details
Dimensions	630mm(W)×300mm(D)×630mm(H)
Weight	26kg
Material	Aluminum Alloys

ACOUSTIC PERFORMANCE

Parameter	Details
Peak SPL@1m	160dBA
Continuous SPL@1m	150dBA
Max Range	3162m



ELECTRICAL REQUIREMENTS

Parameter	Details
Power Consumption	500W/250W
Power Input	External 110v~220VAC/24VDCadapter

ENVIRONMENTAL PERFORMANCE

Parameter	Details
Hot Operating Temp	MIL-STD-810G, Method 501.5, Procedure II, Design type Hot, 60°C
Cold Operating Temp	MIL-STD-810G, Method 502.5, Procedure II, Design type Basic Cold, -33°C
Hot Storage Temp	MIL-STD-810G, Method 501.5, Procedure I, 70°C
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Shipboard Shock	MIL-S-901D, Shipboard Shock, Class I, Shock grade B
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Parameter	Details
safety	MIL - STD - 1474D

ELECTROMAGNETIC COMPATIBILITY (EMC)

Parameter	Details
EMC	FCC Part 15 class A radiated emissions; CE: MIL-STD-461F



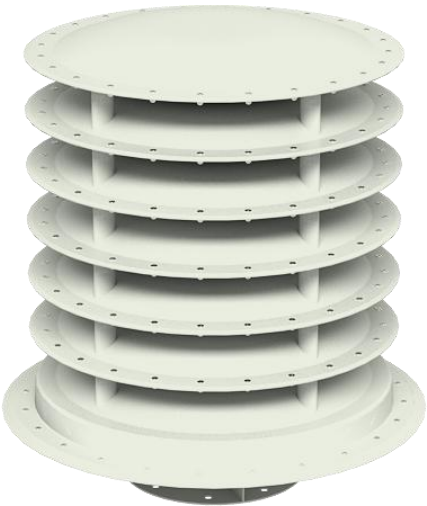
RX660A

MECHANICAL

Parameter	Details
Height	765mm
Diameter	696mm
Weight	48kg
Material	Aluminum alloy

ACOUSTIC PERFORMANCE

Parameter	Details
Peak SPL@1m	145dBA
Continuous SPL@1m	140dBA
Max Range	1000m



ELECTRICAL REQUIREMENTS

Parameter	Details
Power Consumption	1200W
Power Input	External 110v~220V AC to 24v DC adapter

ENVIRONMENTAL PERFORMANCE

Parameter	Details
Hot Operating Temp	MIL-STD-810G, Method 501.5, Procedure II, Design type Hot, 60°C
Cold Operating Temp	MIL-STD-810G, Method 502.5, Procedure II, Design type Basic Cold, -33°C
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SAFETY

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Parameter	Details
safetuy	MIL - STD - 1474D

ELECTROMAGNETIC COMPATIBILITY (EMC)

Parameter	Details
EMC	FCC Part 15 class A radiated emissions; CE; MIL-STD-461F



RA11G

MECHANICAL

Parameter	Details
Dimensions	274mm (L)×274mm (W)×226mm (H)
Weight	2.7kg
Material	Aluminum Alloy and Plastic



ACOUSTIC PERFORMANCE

Parameter	Details
Peak SPL@1m	143dBA
Continuous SPL@1m	133dBA
Max Range	447m

ELECTRICAL REQUIREMENTS

Parameter	Details
Battery Working Time	3h(Max Power)
Battery Capacity	72Wh

ENVIRONMENTAL PERFORMANCE

Parameter	Details
Hot Operating Temp	MIL-STD-810G, Method 501.5, Procedure II, Design type Hot, 60°C
Cold Operating Temp	MIL-STD-810G, Method 502.5, Procedure II, Design type Basic Cold, -33°C
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SAFETY

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Parameter	Details
Safety	MIL-STD-1474D

ELECTROMAGNETIC COMPATIBILITY (EMC)

Parameter	Details
EMC	FCC Part 15 class A radiated emissions; CE: MIL-STD-461F



Rotunbot RT-G.800

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

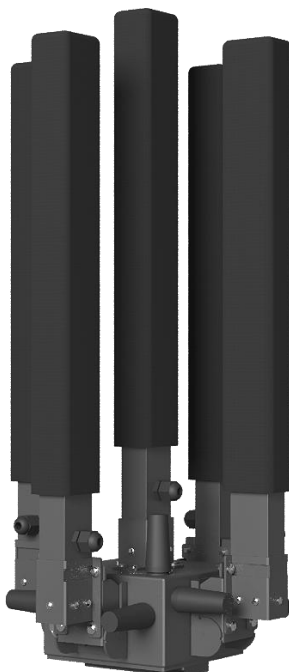
Diameter	800 mm
Weight	150 kg
Battery Capacity	2,400 wh
Charging Time	≤3h
Navigation Time	≥8h
Navigation Mileage	≥100 km
Protection Level	IP68
Exploration Proof	Ex-d-IIB

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	



RU20X



Detection Performance

Max. detection range (typical consumer drone)	≥500 meters
Detection-to-classification time	≤2 seconds
Multi-target handling capability	Simultaneously track ≥5 targets
Azimuth accuracy	≤3°

Recognition Performance

Detection probability (Pd) under 65 dB(A) noise	≥95%
False alarm rate (FAR) per 24 hours	≤1 time
Drone type recognition accuracy	≥90%

System Performance

Continuous operation time	≥8h (battery) / Continuous (mains or PoE)
Data interfaces	Gigabit Ethernet, Wi-Fi (optional), 4G/5G (optional)
Protection rating	IP65
Operating temperature	-20°C to +50°C
Dimensions	1100 mm×1100 mm×570 mm
Weight	10 kg
Deployment	Tripod, vehicle-mounted, or pole-mounted
Typical power consumption per node	≤15 W



LHS64Z



MECHANICAL

Parameter	Details
Dimensions	197mm (L)×40mm (D)
Weight	0.25 kg

OPTICA PERFORMANCE

Parameter	Details
Luminous Intensity	10,240,000 cd
Luminous Flux	24 lm
Irradiation Angle	0.1°~5°
Illumination Distance	6,400 m
Light Source Type	Semiconductor Laser

ELECTRICAL REQUIREMENTS

Parameter	Details
Power Consumption	10 W