



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



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



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