

Portable VHF position transmitter

TECHNICAL DATASHEET



easyPOS'N'HOOK (A21000)



EXCELLENCE IN RADIO TECHNOLOGIES
Safety • Navigation • Tracking

Standards

RED	EN 300 220-1 V2.3.1
	EN 300 220-2 V2.3.1
AIS Standard	IEC 61097-14
Environmental	EN 60945
Product Safety	ITU-R M.1371
IMO Resolution	MSC.246(83)
GPS	IEC 61108-1
R&TTE Directive	1999/5/EC

AIS Transmitter

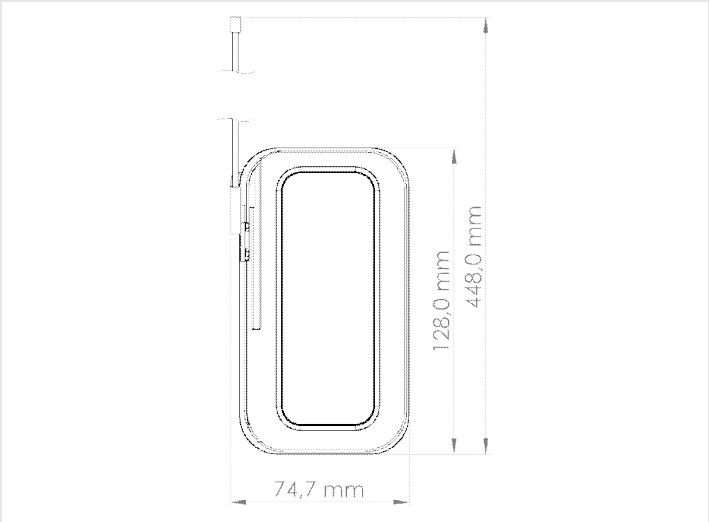
Tx Frequency	AIS 1: 161.975 MHz; AIS 2: 162.025 MHz
Option:	Marine Band: 156,025MHz - 162,025MHz
Tx Output Power	2 Watt (radiated)
Radiated Power	500 mW
Transmission Range	
AIS messages	Msg. 18 (AIS Positions Report) Msg. 24 (Unit-ID, locating object name, destination)
VHF Antenna	extended, vertical polarized

Geofence/GPS

Geofence/Coastline-Memory space	3000 points
Geofence/Coastline resolution	0.5 nautical mile
GPS track storage	256 points

Dimensions/Drawings

Weight	250 g
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Approvals

CE

Environmental

Operating Temperature	-10 ° C to + 55 ° C
Storage Temperature	-30°C to +70°C
Waterproof Rating	IP68
Resistance	Oil, seawater, sun light
Immersion Depth	100 m
Compass Safe Distance	min. 80 cm
Mechanical shock	Drop: into water: 20 m; on concrete surface: 1m
Thermal shock	45 K

Interface

Display	3 colored LEDs, 1 white flash LED
Controls	2 buttons
Connection	

Battery (build-in)

Power supply	Charging station/Vessel generator/Solar panel
Battery Type	Internal 2600mAh Lithium-Ion battery pack
Operating time (normal oper.)	≥ 120 h
Operating time (alert)	≥ 36 h with fully charged batteries
Battery storage (fully charged)	≥ 3 month without significant loss of charge
Battery lifetime	rechargeable (1000 charging periods)

Dimensions (LxWxH):	130 x 70 x 30 mm
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