

Floating AtoN Type 1 (VHF locator)

TECHNICAL DATASHEET



easyAIRDROP (A168)



EXCELLENCE IN RADIO TECHNOLOGIES
Safety • Navigation • Tracking

Standards

AIS Standards	ITU-R M. 1371-5
Environmental	IEC 60945
Product Safety	IEC 62368-1:2014
IMO Resolution	MSC.246(83)
GPS Performance	IEC 61108-1
AtoN	IEC 62320-2 Ed.2 (2016)

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)
AIS messages	Msg 21 AIS Aids to Navigation (ATON) Report Msg 14 Safety related broadcast message
Access Scheme	FATDMA
VHF Antenna	vertical polarized

GNSS Receiver

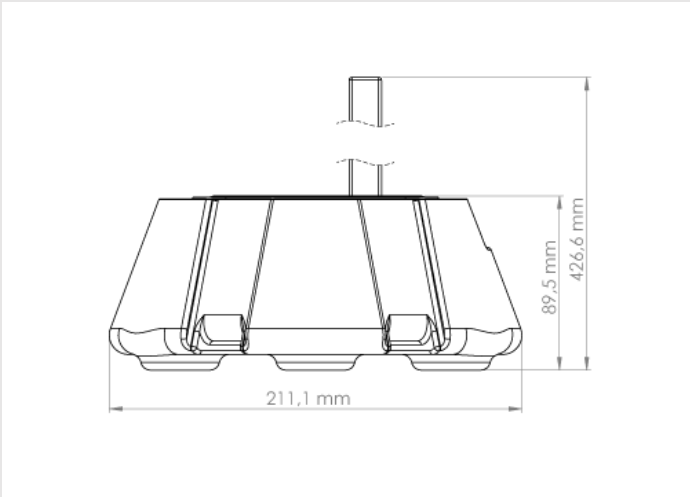
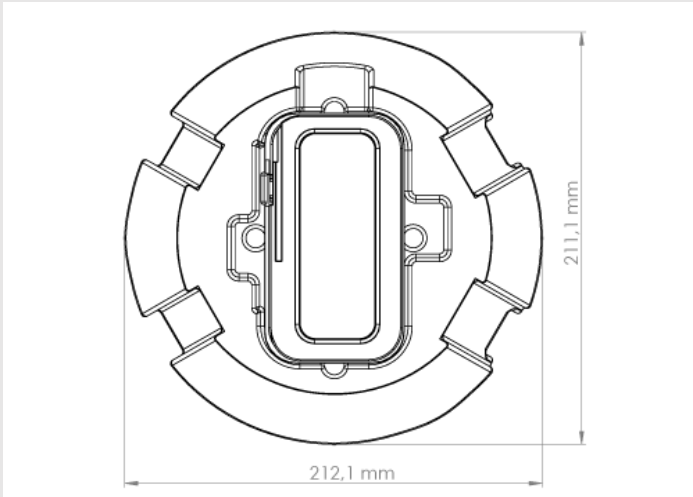
Receiving Channels	99 Channel Receiver with integrated antenna
Receiver	Up to 4 concurrent GNSS constellations
Supported GNSS	GPS, Galileo, GLONASS, BeiDou

Geofence/GNSS

Geofence/Coastline-Memory	s 3000 points
Geofence/Coastline resolution	0.5 nautical mile
GPS track storage	256 (or 1024 vmsTRACK-PRO) points

Dimensions/Drawings

Weight	750 g	Dimensions (LxWxH):	211 x 212 x 90 mm
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Approvals

CE

Environmental

Operating Temperature	-20 ° C to + 65 ° C
Storage Temperature	-30°C to +70°C
Waterproof Rating	IP68
Immersion Depth	10 m
Buoyancy	yes
Compass Safe Distance	≥ 0.3 m

Interface

Display	3 colored LEDs, 1 white flash LED
Controls	2 buttons
Configuration	Bluetooth®LE

Power Supply

Power supply	Internal 2600mAh Lithium-Ion battery pack
Charger	12V or 24V