



sMRT STATION

VHF DSC, AIS & 121.5MHz

THE sMRT STATION LETS YOU TRACK, FIND AND SAVE YOUR CREW ON THE MOVE.

This fully portable base unit is designed specifically for fast response vessels and RIBs. It monitors AIS, 121.5MHz and VHF DSC technology.

When the sMRT Station receives the DSC and AIS positions from a beacon it displays them on the worldwide chart plotter. The portable sMRT Station is the comprehensive all in one solution required to enable the fast rescue of your crew.



WE TAKE THE SEARCH OUT OF SEARCH AND RESCUE

Why Choose a sMRT Station?

- ✓ NO NEED TO SET UP – JUST GRAB AND GO
- ✓ GIVES A VISUAL POSITION IN SECONDS OF YOUR MAN OVERBOARD (MOB)
- ✓ ALLOWS YOU TO COMMUNICATE WITH YOUR PARENT VESSEL AND OTHER RESCUE FORCES NEARBY TO GIVE YOUR CREW MEMBER THE BEST CHANCE OF BEING FOUND QUICKLY
- ✓ TRACKS AN UNLIMITED NUMBER OF ALERTING UNITS, SO YOU CAN FIND AND SAVE MULTIPLE CREW MEMBERS
- ✓ TOUGH, WATERPROOF AND SAFE TO USE IN ALL WEATHER CONDITIONS
- ✓ MULTIPLE ANTENNA OPTIONS AVAILABLE
- ✓ DESIGNED TO BE UTILISED WITH sMRT MOB DEVICES



DSC RADIO

CURRENT CONSUMPTION	MAX. 7 A
FREQUENCY RANGE	TX 156.000-161.450, RX 156.000-163.425 MHz
CHANNEL SPACING	12,5 KHz AND 25 KHz, ALL INTERNATIONAL MARITIME CHANNELS
MODULATION	16K0G3E, 16K0G2B (DSC) 25 KHZ 12.5 KHZ
RECEIVER SENSITIVITY	< -119 DBM TYPICALLY AT 20 DB SINAD CCITT WEIGHTED
AIS RECEIVER	AIS RECEIVER < -112 DBM TYPICALLY. DUALSIMULTANEOUS RECEPTION AND DEMODULATION (IN COMPLIANCE WITH AIS CLASS B RECEPTION ONLY).
OPERATING TEMPERATURE	-15°C TO 55°C
STORAGE TEMPERATURE	-30°C TO 80°C
WATER INGRESS	IPX8 AND IPX6 ALL OVER

ENCLOSURE

MATERIAL	POLYPROPYLENE
EXTERNAL DIMENSIONS	52.4CM X 42.8CM X 20.6CM
MAXIMUM BUOYANCY WEIGHT	31.7 KGS
TEMPERATURE RANGE	-40°C TO +99°C
WATER INGRESS	IP 67

GENERAL

BATTERY	12AH AGM
sMRT STATION DURATION	4 HOURS MINIMUM
WEIGHT	17KG

CHART PLOTTER

POWER CONSUMPTION	15.6W OR 1.2A @ 13VDC
DISPLAY	TOUCHSCREEN, MULTIFUNCTION DISPLAY
DISPLAY SIZE	8" SVGA (800 X 600)
SCREEN BRIGHTNESS	1200CD/M2
GPS ANTENNA	INTERNAL ANTENNA (EXTERNAL USE)
CARTOGRAPHY	NAVIONICS BUNDLED MICRO SD
WATERPROOF STANDARD	IPX7



Marine Rescue Technologies, Inc.

Call: +1-772-388-1326

Email: SOS@MarineRescueTechnologies.com

Visit: www.MarineRescueTechnologies.com

1623 US Highway 1, Suite A-1 – Sebastian, FL, 32958