


DATREX

Life Saving Products



COMMERCIAL MARINE SAFETY PRODUCTS



Established in 1970, Datrex wishes to thank all of our esteemed customers and colleagues who have contributed to our ongoing success. Datrex has set exceptionally high standards for all products guaranteeing that they are manufactured from the finest available materials. All Datrex products, as required, meet or exceed United States Coast Guard regulations, the EU Marine Equipment Directive , (MED) "Wheel Marked", and are also in full compliance with the latest SOLAS/IMO regulations. Datrex products are proudly manufactured at our headquarters in Kinder, Louisiana where we continually strive to improve our production techniques in order to deliver the highest quality products in the market. Datrex also represents many high-end manufacturers from Europe for the U.S. market.

Our branch distribution centers are strategically located on all U.S. coast lines; Kinder, Louisiana, Miami and Jacksonville, FL, Seattle, WA, and New Castle, DE, continue to serve our customers not only in their respective areas but also worldwide. Furthermore we pledge to continue providing you the finest Marine Safety Equipment, Photoluminescent Signage, Pathway Marking Tapes (LLL) and Emergency Preparedness Supplies with the fastest delivery possible.

John Simonsen
CEO & FOUNDER




USCG Approved



USCG Requirement under Subchapter M

SUBCHAPTER M



USCG Approved Type I



USCG Approved Type II



USCG Approved Type III



USCG Approved Type IV



USCG Approved Type V



USCG Approved 70 Newton Approval



Meets ANSI Requirements



Meets SOLAS Approved



Meets MED Requirements



Meets EU safety, health or environmental requirements.



Intrinsically safe product



Made in the USA product

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EMERGENCY FOOD RATIONS AND DRINKING WATER

Datrex Emergency Food Rations and Drinking Water have a 5 year shelf life and are approved globally for use in liferafts, lifeboats and in any other emergency situations such as earthquakes, flooding and hurricanes where food and water supply can be at stake.

The high energy ration is tabletized / subpackaged and ready to eat. It is compact and not-thirst provoking. Only natural ingredients are used, (no preservatives or nuts), Wheat flour, Vegetable shortening (palm oil), Granulated sugar (cane sugar), and coconut flavoring.

DATREX EMERGENCY FOOD RATION 2400 KCAL 30 PACK DX2400F

- Made in USA
- 5 year shelf life
- 10,000 kj, 2,400 kcal per package
- 500 grams
- USCG approved to SOLAS
- CA-TC Approved
- 30 Packs per case
- NSN: 8970-01-547-7776



DATREX EMERGENCY FOOD RATION 3600 KCAL 20 PACK DX3600F

- Made in USA
- 5 year shelf life
- 15,075 kj, 3,600 kcal per package
- 750 grams
- 20 packs per case
- USCG approved



DATREX AVIATION RATION 76 PACK DX1000F

- Made in USA
- 5 year shelf life
- 1000 kcal
- 6.8 oz each
- 76 Packs per case
- Size: 2.75"x1.25"x3.75"
- NSN: 8970-01-547-7776



DATREX EMERGENCY DRINKING WATER 64 PACK DX1000W

- Made in USA
- Purified water for immediate use
- Superior, durable packaging material
- Easy to dispense
- 5 year shelf life
- 125 ml (4.227 oz.)
- 64 pouches per case
- 8 liters per case
- USCG approved to SOLAS
- CA-TC approved
- NSN: 8960-01-124-4454



DATREX EMERGENCY DRINKING WATER 96 PACK DX100EW

- Made in USA
- 1.5 liter overwrap package
- 8 packages /case
- 12 liters / case
- Approvals same as DX1000W
- NSN: 8960-01-124-4454



LOAD CHART	WATER		FOOD		
	DX1000W	DX100EW	DX2400F	DX3600F	DX1000F
Packs per Case	64	96	30	20	76
Case Weight	20.5 lbs (9.15 kg)	30.75 lbs (13.74 kg)	33 lbs (15 kg)	33 lbs (15 kg)	30.5 lbs (13.8 kg)
Case Dimensions	13.25"x9.75"x6.75"	13.25x9.75x9.75"	8"x14"x10"	8"x14"x10"	13.25x8x9.5"
Case per Pallet	98	68	70	70	70
Pallet weight	2,090 lbs (948 kg)	2,090 lbs (950 kg)	2,200 lbs (998 kg)	2,200 lbs (998 kg)	2275 (1032 kg)
Pallet Dimensions	40"x48"x55"	40"x48"x55"	40"x48"x55"	40"x48"x55"	40"x48"x56"
Pallet Volume	60 ft³ (1.70 m³)	60 ft³ (1.70 m³)	60 ft³ (1.70 m³)	60 ft³ (1.70 m³)	62 ft³ (1.75 m³)

LIFE RING BUOYS AND ACCESSORIES

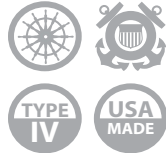
All Datrex ring buoys are molded from high impact linear low-density polyethylene for superior life expectancy in the most extreme environments. The Retro Reflective Tape used is "High Tack." The rope is of a high quality polypropylene with UV stabilizer. The brackets are made of marine grade aluminum.

DECKBUOY™ DX0325D 30"



- Made in USA
- 30" diameter, 2.5 kg orange buoy with retro reflective tape
- Shipboard and offshore platform deck installations
- USCG approved to SOLAS
- Drop tested up to 50 meters
- UL-SOLAS certified Ships Wheel
- CA-TC approved to SOLAS

BRIDGEBUOY™ DX0340D 30"



- Made in USA
- 30" diameter, 4.0 kg orange buoy with retro reflective tape
- For use with quick release bracket
- USCG approved to SOLAS
- Drop tested up to 50 meters
- UL-SOLAS certified Ships Wheel
- CA-TC approved to SOLAS

24" LIFE RING BUOY DX024RD 24"

(With Tape)
DX024OD 24"

(Without Tape)



- Made in USA
- 24" diameter, orange buoy with retro reflective tape
- Shipboard installations on commercial fishing vessels, yachts and other vessels that are not required to carry the 30" ring
- USCG and CA-TC approved
- Drop tested up to 50 meters

LIFE RING BUOY DX0300D 30"



- Made in USA
- 30" diameter, 2.5 kg orange buoy without retro reflective tape
- For installations not required to comply with SOLAS'83
- USCG and CA-TC approved
- Drop tested up to 50 meters

WHITE LIFE RING BUOY DX024WD 24"



- Made in USA
- 24" and 30" diameter in white without retro reflective tape
- For installations not required to comply with SOLAS'83
- USCG approved
- CA-TC approved
- Drop tested up to 50 meters

20" USCG TYPE IV

DX0200RD 20"

(Orange with reflective)

DX0200D 20"

(Orange no reflective)

DX0200WD 20"

(White no reflective)

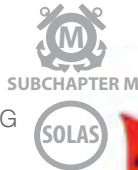


- Made in USA
- 20" diameter
- 3.25 lbs (1.47 kg)
- For installations not required to comply with SOLAS'83
- USCG Type IV approved
- CA-TC approved

DATREX LIFE RING BUOY LINE BAG

DX0100M (100 feet)

DX0150M (150 feet)



- Meets and exceeds USCG requirements under 46 CFR 180.70
- 3/8" (9.5 mm) Hollow Braid Polypropylene with UV inhibitor
- High Visibility Yellow Line
- Line length exceeds min USCG/SOLAS standards
- Durable UV resistant throw bag

DATREX ALUMINUM BRACKET

DX1527M (30" Bracket)

DX1524M (24" Bracket)



- Bracket in aluminum for use with Datrex buoys

LIFE RING LETTERING

Available upon request



Item Number	Diameter	Box Dimensions	Box Weight	Buoys Per Box
DX0325D / DX0300WD / DX0300D	30"	31 x 31 x 13 inches	28 lbs	3
DX0340D	30"	31 x 31 x 13 inches	34 lbs	3
DX024RD / DX024OD / DX024WD	24"	25 x 25 x 10 inches	18 lbs	3
DX0200RD / DX0200D / DX0200WD	20"	24 x 22 x 12 inches	12.25 lbs	3

HAMMAR LIFE BUOY QUICK RELEASE SYSTEM (HLQRS) AUTOMATIC

HA0600H (Remote Quick Release System)

The Hammar HLQRS system is a complete and corrosion free, easy-to-fit package for the rapid launch of Bridgebuoys onboard a ship. Most other life buoys on the market are installed in an older, corroded holder on the bridge wing or a similarly remote location, to which access may take precious time.

For a shipyard, the system offers easy installation and trouble-free sourcing, as all parts are delivered in a complete package

- Safe and quick operation to save lives
- Electric activation from the bridge
- Manual release by removing the safety pin
- One complete package
- Easy and quick installation onboard
- Economical solution

The system consists of

- GRP holder with pre-installed metal holder and bracket
- ERU (electric remote unit) with cord pre-installed on metal holder
- Release switch
- Connector box
- 20 meter cable from connector box to release switch, screened 2x0,75mm², diameter 8mm
- Manual safety pin
- Pilot line for loading the lifebuoy
- Installation manual
- User guide

How does it work?

Using the HLQRS is easy. Just push the button, the ERU activates and the stainless steel lever is removed by a strong spring in order to ensure the safe, rapid deployment of the Bridgebuoy with the attached MOB signal.

The Hammar Life buoy System Mk II consists of:

- GRP holder with metal spring holder and manual backup
- Hammar ERRS remote activation package



HAMMAR LIFE BUOY QUICK RELEASE SYSTEM (HLQRS) MANUAL

HA0610 (Manual Quick Release)

HA0610H Manual Quick Release and it consists of: GRP holder with pre-installed metal holder and bracket

- Manual safety pin
- Pilot line for loading the life buoy
- Installation manual
- User guide

The GRP holder can be mounted on both starboard and portside.



ERU FOR QUICK RELEASE

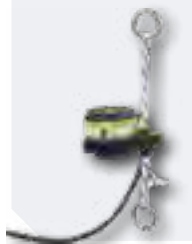
HA0630H MK II

Replacement kit for Mk II quick release replacement every two years



HA0406H MK I

Replacement kit for Mk I quick release, replacement every two years



LIFE RING BUOY LIGHTS

All our life ring buoy lights are from Daniamant and they are made in the United Kingdom and meet all latest international and domestic standards

L160 USCG/SOLAS/MED USCG APPROVED TO SOLAS*

DA0160E

- Self-activating LED lifebuoy light
- >2 hours / >2 Cd
- Bracket included
- Completely sealed non hazmat lithium battery
- 5 year Shelf-life
- Drop tested up to 76 meters
- Approved by DNV-GL



L161 SOLAS/MED/ATEX/IECEX USCG APPROVED TO SOLAS*

DA0161E

- **Intrinsically safe**, self-activating LED lifebuoy light
- >2 hours / >2 Cd
- Bracket included
- Completely sealed non hazmat lithium battery
- Storage life: 5 years
- Drop tested up to 76 meters
- Approved by DNV-GL



L162 USCG-UL1196/SOLAS/MED

DA0162E

- Self-activating LED lifebuoy light
- >15 hours / >2 Cd
- Bracket included
- Completely sealed non hazmat lithium battery
- 5 year Shelf-life
- Drop tested up to 76 meters



L163 USCG/SOLAS/MED/ATEX/IECEX

DA0163E

- **Intrinsically safe**, Self-activating LED lifebuoy light
- >15 hours / >2 Cd
- Light Type: Flashing LED
- Storage Life: 5 years
- Max drop height: 76 meters



L90 USCG/SOLAS/MED*

DAL90E L90 (LIFEBUOY LIGHT WITH BRACKET)

- > 2 hours / >2 Cd
- Drop tested up to 60 meters
- Uses 5 D-cell Alkaline batteries
- Approved by DNV-GL



L90 ACCESSORIES

DAI90LAMPE L90 (LIGHT BULB)



DA638005E L90 (O-RING)



DA634001E L90 (DOME)



DAL90BRKTE L90 (BRACKET)



AI0041M (D-CELL REPLACEMENT BATTERY)



* USCG approved under Mutual Recognition Agreement between United States and EU.

Datrex has been the Distributor of CM Hammar's Hydrostatic Release Units for almost 40 years in the United States. The Hammar H20's are the most used Hydrostatic Release Units in the World. Made in Sweden

HYDROSTATIC RELEASE FOR LIFERAFTS, H20R*

HA2000H

- Easy installation
- Two year disposable
- Activates on a depth < 4 m
- BV-SOLAS certified
- USCG approved to SOLAS*
- 6.3 oz (180 g) weight
- 30 each per case



Look for the unique MarCode! Download Hammar's "app" and register to check that your HRU is a genuine product from CM Hammar



HYDROSTATIC RELEASE FOR SMALL LIFE RAFTS

HA200H

- Used for non SOLAS commercial 4 persons liferafts and all recreational rafts up to 12 persons the unit is activated on a depth of < 4 m
- Two year disposable
- USCG Approved
- BV SOLAS Certified



JOTRON HYDROSTATIC RELEASE UNIT KITS

JO86218H HYDROSTATIC RELEASE KIT
FB60/FB40/FBH40 (60S/40VDR)

JO80414H HYDROSTATIC RELEASE KIT
FOR FB-5/FB-6 (TRON 40S/40S MKII)

HYDROSTATIC RELEASE FOR EPIRB'S, H20E

HA2007H

- Used for Category I EPIRBs
- Two year disposable
- A special bolt that secures the EPIRB will be cut when the unit is activated on a depth of < 4 m
- BV-SOLAS certified
- USCG-SOLAS Approval BV, MED
- 4.4 oz. (115 g) weight



ACCESSORIES

PELICAN HOOK

HA2002

- Pelican Hook in Stainless steel for installing hydrostatic release units on liferafts



PLASTIC STANDARD BOLT FOR H20E

HA2010H

- With two plastic washers



WARNING! ONLY USE THE EPIRB MANUFACTURER'S APPROVED REPLACEMENT BOLT (ROD). REPLACE HAMMAR H20E HRU AND BOLT AFTER TWO (2) YEARS OF USE .

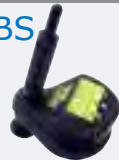
We offer REMOTE RELEASE SYSTEMS for the Hammar H20R releases in either manual or electric activation Please contact us for further information

* USCG approved under Mutual Recognition Agreement between United States and EU.

OTHER BRANDS

HYDRO FIX KIT FOR ACR EPIRBs

AA9490H



HRU FOR OCEAN SIGNAL EPIRBs

OS00608H



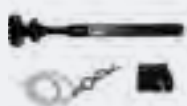
HRU FOR MCMURDO EPIRBs

HA2007H



MCMURDO ROD-KIT

HAMCM82-996AH



PYROTECHNIC DISTRESS SIGNALS AND KITS

For more than almost 40 years Datrex has distributed the IKAROS brand in the Americas. Ikaros is a complete family of Pyrotechnic Distress Signals, which are approved by the USCG and DNV-GL and carries global approvals. All Ikaros products are manufactured by Hansson Pyro Tech AB/Sweden, who are the world leader in pyrotechnic innovation for commercial use.

IKAROS PARACHUTE ROCKET, RED*

CI3401P

- For long-range distress signaling on vessels, yachts, lifeboats and liferafts
- Easy to launch, low recoil
- 300 m flare ejection height
- 30,000 cd light intensity
- 40 sec. burning time.
- DNV-GL certified
- USCG approved to SOLAS*
- 12.2 oz. (345 g) weight.
- 40 each per box



IKAROS ILLUMINATING ROCKET, WHITE

CI3402P

- White flare body
- 300 m flare ejection height
- 100,000 cd light intensity
- 30 sec. burning time.
- White flare body
- Used for training and security purposes
- Same principle as CI3401P
- 40 each per box



IKAROS HANDFLARE, RED*

CI3415P

- Short-range distress signaling from vessels, lifeboats, liferafts and yachts
- Easy to use, "open-pull"
- 15,000 cd light intensity
- 60 sec burning time
- DNV-GL Certified
- USCG approved to SOLAS*
- 8.3 oz. (235 g) weight
- 50 each per box



IKAROS BUOYANT SMOKE, 3 MINUTES*

CI3421P

- Daylight distress signal to be used from vessels lifeboats, liferafts and yachts
- Emits orange smoke for > 3 min.
- Easy to use, "pull-throw"
- DNV-GL certified
- USCG approved to SOLAS*
- 1.1 lbs (510 g) weight
- 30 each per box



IKAROS HANDFLARE, WHITE

CI3416P

- A warn-off signal for use by vessels and yachts
- Easy to use "open-pull"
- 10,000 cd light intensity
- 60 sec burning time



IKAROS DAY & NIGHT SIGNAL, ORANGE

CI3432P

- Personal Dual Use Survival Signal mainly used by aviators, hikers and divers
- Red cap 10,000 cd, red flare > 15 sec.
- Green cap Orange Smoke > 15 sec.
- 6.7 oz. (190 g) weight
- 100 each per box



WATERTIGHT PLASTIC KEG

CI3487P

- Overall Diameter 10.75"
- Height 13"
- Neck Diameter: 8"



PYRO BOX ORANGE WATERTIGHT

DXAC35M

- The bright orange Pyro Box is watertight and features contrasting lettering referring to the CFR
- This box meets the tug requirements for visual distress signals - Subchapter M



DISTRESS SIGNAL KITS	DX3480P OCEAN KIT +50	DX3485P BRIDGE KIT	DX3486P LIFEBOAT KIT
AREA / USE	Comm. fishing 50+ miles	Int'l voyages SOLAS ships	Comm. ship's lifeboats
CONTENT	3 each CI3401P 6 each CI3415P 3 each CI3421P	12 each CI3401P	4 each CI3401P 6 each CI3415P 2 each CI3421P

* USCG approved under Mutual Recognition Agreement between United States and EU.

IKAROS MOB COMBINED LIGHT & SMOKE MK IV*

CI3451P (WITH BRACKET)

- The Ikaros MOB Combined Light & Smoke produce dense orange smoke for more than 15 minutes and has two **High Intensity LED lights** which transmit for more than 2 hours at 2 Cd
- The bracket is included, and once installed, the IKAROS MOB is automatically activated when separated from its bracket
- DNV-GL certified*
- 10.6 lbs (4.8 kg) weight
- The lights are powered by lithium batteries sealed for life
- Two per pack

* USCG approved under Mutual Recognition Agreement between United States and EU.



The MOB signals should be connected to Bridgebuoys (4.0 kg) with a 4 meter long line, breaking strength at least 180 kg (400 lbs)

IKAROS LINE THROWER*

CI3461P

- Ikaros Line-Thrower is a self contained portable line-throwing appliance incorporating integral rocket and igniter
- The unit projects a line 300 meters
- Line diameter: 4 mm
- Line strength: >2,300 N
- DNV-GL certified
- USCG approved to SOLAS*
- 8.8 lbs (4.0 kg) weight
- 4 per box



IKAROS LINE REPLACEMENT ROCKET

CI3462P

- The Replacement Rocket with integral igniter is easy to install
- Only the replacement rocket shall be replaced prior to expiration.
- 2.0 lbs (910 g) weight



IKAROS LINE BUOYANT HEAD

CI3463P

- The Ikaros-Line buoyant head is screwed into the front end of the rocket
- USCG requires two buoyant heads per set of four (4) Line-Throwers
- 5 oz. (144 g) weight



* USCG approved under Mutual Recognition Agreement between United States and EU.

The easiest to use on the market • The line is secured to the inside of the container by a quick release knot

DATREX POLYPROPYLENE AUXILIARY ROPE 5/8"

DX1505M

- Datrex 3-Strand polypropylene auxiliary rope 5/8"
- 1500 ft auxiliary line
- Light weight, high strength, UV stabilized



TRON 60GPS CAT I WITH FLOAT-FREE BRACKET

JO83330E

SAFETY NEVER COMPROMISED

Tron 60 GPS is a compact and tamper-proof GMDSS EPIRB that SOLAS is approved globally and is fitted with a high-intensity LED at the top of the antenna for highest visibility.

- 56 channel GPS - fast and accurate detection and tracking
- Compact 340 x 128 mm
- Light weight 680 g
- Transmits on 406 / a 121.5 MHz for min 48 hours
- 5 year warranty and 5 year battery shelf-life
- HRU kit: JO86218H GMDSS




TRON AIS-SART

JO85037E



Tron AIS-SART - AIS transponder is approved globally and presents superior position accuracy through the AIS system

- Detected on AIS Class A and B
- Transmits the position for min. of 96 hours
- Compact 251 mm
- Light weight 450 g
- Transmits on AIS and is presented as red circle with a cross inside 
- Detection ranges:
 - up to 10 nm from a SOLAS vessel with class A transponder
 - Up to 40 nm from a SAR helicopter at 1,000 ft
 - Up to 130 nm from a SAR aircraft at 20,000 ft
- 5 year warranty and 5 year battery shelf-life



TRON SART20

JO83010E



Tron SART20 - Radar Transponder is approved globally and designed to be used in search and rescue operations and it operates on the X-band frequency.

- Detected on X-band 9.2-9.5 Ghz
- Operating life 96 hours standby + 8 hours continuous operation when activated by a radar
- Compact 251 mm
- Light weight 482 g
- Radar presentation as 12 sweep sawtooth type
- 5 year warranty and 5 year battery shelf-life
- Replacement battery: JO82615E



TRON TR30 VHF GMDSS

JO87950E (TR30 VHF with charger/rechargeable battery and GMDSS battery)

JO83446E (TR30 VHF with GMDSS battery only)

• IT FLOATS!

- Multi-functional floating GMDSS VHF handheld radio
- Tron TR30 GMDSS and Maritime VHF Radio is the only GMDSS approved handheld radio in production that floats without a buoyancy cover
- Tron TR30 GMDSS and Maritime VHF Radio meets all the requirements of the IMO for carriage on SOLAS vessels. This radio has the ultimate functional design Every detail has been developed based on user functionality, both in an emergency situation and in general on board communications.
- Tron TR30 GMDSS and Maritime VHF Radio switches automatically between standard simplex and duplex maritime channels and 21 emergency simplex channels
- 5 years shelf-life on GMDSS battery
- MED FCC approved



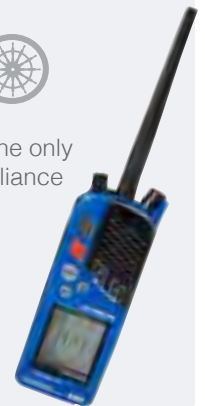
TRON TR30 AIR EMERGENCY VHF AM RADIO – SOLAS

JO101700E



• IT FLOATS!

- Tron TR30 AIR Emergency VHF AM radio is the only approved emergency VHF AM radio in compliance with SOLAS 74 reg. IV / 7 MSC 80 (70)
- Only worldwide MED-B Type approval
- Tron TR30 comes with charger and rechargeable battery plus GMDSS battery as standard.
- Required by: SOLAS passenger vessels Part of the MODU fleet (Mobile Offshore Drilling Units) Polar Coded vessels



COMMON SPARES PRODUCTS:

- JO101035E TRON TR30 GMDSS BATTERY
- JO101036E TRON TR30 RECHARGEABLE BATTERY
- JO80060E TRON TR20 GMDSS BATTERY
- JO80059E TRON TR20 RECHARGEABLE BATTERY
- JO82615E TRON SART 20/AIS SART BATTERY

EPIRB1

THE WORLDS MOST COMPACT EPIRB (EMERGENCY POSITION INDICATING RADIO BEACON)

OS702SE

- Super Compact - 30% smaller than competition
- 5 year warranty
- 10 year battery life
- 66 channel GPS Fast and accurate acquisition and positioning
- Retractable antenna
- Manual release bracket
- Auto activates on immersion
- 406 MHz Link via satellite to Emergency Services
- 121.5 MHZ Homing Beacon to aid final location by search and rescue craft
- Often packed in lifeboats



PLB1

(PERSONAL LOCATOR BEACON)

OS730A-01261E

The world's smallest 406/ GPS/ PLB for Marine and Outdoor Markets

- 7 Year Battery, 7 year warranty - longest in industry
- 30% smaller, only 3"x2"x1.3", weighing just 4 oz - fits inside inflatable lifejacket, small pockets, on a belt, any strap or oral inflation tube
- No subscription or recurring cost
- Supplied with all accessories - Flotation belt pouch, snap in, clip w/universal mounting strap, high tensile lanyard
- Simple operation - Pull retractable antenna, push button, one-handed operation
- High brightness low profile strobe light - 1 Cd
- Certified location transmission to COSPAS/SARSAT for more than 24 hrs.
- Latest 66 channel GPS receiver - For quickest location acquisition in hostile environment
- 406 MHz Link via satellite to Emergency Services
- 121.5 MHZ Homing Beacon to aid final location by search and rescue craft
- Rugged design - waterproof case with all controls & antenna protected from abuse or accidental use
- Often packed inside life rafts and lifeboats as a pinpoint location device

SEAANGEL AIS/MOB

Man Over Board (MOB) for usage within the AIS system (Automatic Identification System) and DSC (Digital Selective Calling). For general boating applications, divers and commercial users that have an AIS and DSC system on board. An affordable and reliable products range for your safety in the case of going overboard. Can be worn on lifejackets, put on liferings, liferafts, lifeboats or any other rescue apparatus. All products are tested and produced according to the high commercial marine standards.

- Range of approximately 10 NM or more depending on swell height and antenna height
- 72-channel GPS receiver for fast and accurate position acquisition and tracking
- Each device programmed with vessel's MMSI, MMSI programming by owner
- Worlds most compact and lightweight MOB device
- Frequency Range for AIS channel 1 and 2
- Transmission power – approx. 1 Watt
- Operating temperature range – -4°F to 131°F
- Made in Austria

SEAANGEL SA15 ECO

FSA15E

Our products in the ECO Line are affordable and reliable products for your safety in the recreational market. We test and produce according high commercial standards. ECO stands for high quality to a low price to introduce these outstanding safety products in the recreational market and increases the safety at sea. AIS network and you can be found very easily.



SEAANGEL SA15 MAX

FSA15CE

Extended transmission time of 96 hours



SEAANGEL SA15 DIVE

FSA15DE

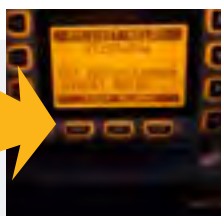
AIS DIVE for diver – for usage within the AIS system (Automatic Identification System)

- Manual activation by pulling ripcord
- Waterproof to a depth of 500ft



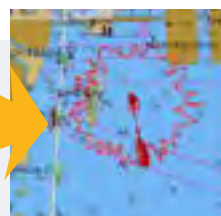
MAN OVERBOARD

Seaangel MOB sending signals to both VHF and AIS systems



VHF DSC ALARM

Audible loud alarm on DSC VHF system



AIS ALARM

Highlighted on AIS navigation system for rapid local rescue

MODELS	FSA15E ECO	FSA15CE FLARE	FSA15CE DIVE
USE	GENERAL USE MAN OVER BOARD (MOB) DEVICE	COMMERCIAL MOB SOLAS	DIVING
SIZE	2.44 x 1.65 x 1.10 inch excl. antenna 62 mm x 42 mm x 28 mm	2.44 x 1.65 x 1.10 inch excl. antenna 62 mm x 42 mm x 28 mm	2.44 x 1.65 x 1.10 inch excl. antenna 62 mm x 42 mm x 28 mm
TRANSMISSION TIME	72 hrs	96 hrs	72 hrs
TRANSMISSION RANGE	up to 10 NM	up to 10 NM	up to 10 NM
STATUS AND FLASHLIGHT LED	Yes	Yes	Yes
ACTIVATION	By pulling cord or button, Automatic if cord attached to inflatable PFD	By pulling cord or button, Automatic if cord attached to inflatable PFD	By pulling cord
BATTERY SERVICE LIFE	7 Years	5 Years	7 Years
WATERPROOF	65 feet for 10 min	65 feet for 10 min	Up to 500 feet

DATREX W4

DA1360CE (Rescue-Dan W4 with standard belt clip)

- Light Output - 0.75 Cd
- Light Duration - Minimum 8 hours, typically plus 50 hours
- Light Type - White Flashing LED
- Battery Type - Alkaline - No Fire Hazard
- The lights can be installed on all type of foam and inflatable lifejackets
- Made in Denmark
- 5 year shelf life
- USCG/SOLAS/MED/TC



DATREX RESCUE-DAN W3 W/CLIP

DA2760E

- Light Output - 0.75 Cd
- Light Duration - Minimum 8 hours, typically plus 50 hours
- Light Type - White Flashing LED
- Easily fitted, comes complete with clip
- Made in Denmark
- Powered by lithium battery
- 5 year shelf life
- USCG/SOLAS/MED/TC



Clip for DA2760E

CLIPS FOR DATREX W4



DA1971E Recessed Oval Clip
(VSG-M-Cube)



DA1963E Recessed Clip
Used on certain lifejackets with recessed mount



DA1972E Strap Mounted



DA1962E Clip for Inflatable
Lifejackets



DA1961E Standard Clip Strap
Mounted

LIFEJACKET LIGHTS AND OTHER EMERGENCY LIGHTS



L6-A USCG/SOLAS/MED ATEX/IECEX DAL6AEXE

- Daniamant L6A-EX Lifejacket Light – Intrinsically Safe
- Approvals: USCG/SOLAS/MED/ATEX/IECEX
- Water activated and can be turned off manually
- LED-technology, flashing
- >0.75 cd >8 hours
- 5 year shelf life
- Made in the UK

WR3 WITH CLIP USCG/SOLAS/MED DA2765E*

- Daniamant WR3 Lifejacket Light
- Approvals: USCG/SOLAS/MED
- Water activated and can be turned off manually
- LED-technology, flashing
- >0.75 cd >8 hours
- Ultra low profile
- 5 year shelf life
- Made in Denmark
- WR3 Clip included



*** SPECIFY CLIP WHEN ORDERING**



WR3 Clip A



WR3 Clip B

EMERGENCY 6" GLOW STICKS

- ER0050M (Orange 12 hour)
- ER0051M (Green 12 hour)
- ER0052M (Yellow 12 hour)
- ER0053M (White 12 hour)
- ER0054M (Red 12 hour)
- ER0055M (Blue 12 hour)



PML PERSONAL MARKER LIGHT ER0056M

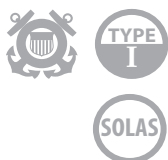
- USCG Approved
- >12 hours of operation
- Color: Green

DATREX VSG USCG/SOLAS/TYPE I

VSCG2050AJ (Universal)

VSCG2051CJ (Child)

VSCG2052IJ (Infant)



Adult Universal/
Oversize

Child

Infant

A premium quality family of lifejackets for the high seas which are designed and approved for the US Flagged market and for users who require USCG/SOLAS approvals.

- Compact design for efficient, foldable storage
- Equipped with lifting loop, buddy line and whistle. Attachment for lifejacket light
- Transparent pocket for muster information

Complies with SOLAS; evaluated, tested and found to be in compliance with the IMO LSA Code (Res MSC. 48(66)), Section 2.2 as amended through Res MSC. 207(81) and IMO Res. MSC. 81(70) as amended through Res. MSC. 200(80).

ITEM	SIZE	WEIGHT	USCG NUMBER	DIMENSIONS IN INCHES
VSCG2050AJ	UNIVERSAL/OVERSIZE	>43 KG / >95 LBS	160.155/209/0	26 x 4.4 x 16
VSCG2051CJ	CHILD	15-43 KG / 33-95 LBS	160.155/210/0	20 x 3.5 x 13
VSCG2052IJ	INFANT	<15 KG / <33 LBS	160.155/211/0	16 x 4.0 x 11

LIFEJACKET MK10 ADULT UNIVERSAL AND OVERSIZE SOLAS/MED 2010

VSMK10AJ

- This jacket meets both universal and oversize requirements
- Weight between 43-140 kg (95-310 lbs)
- Height >155 cm (5'1")
- Chest Girth up to 1750 mm (69")
- Two-Quick Release Plastic Buckles
- Jackets are extremely comfortable and foldable
- Fitted with Buddy Line/Lifting Strap/Whistle and Retro Reflective Tape as standard



Our assortment of Lifejackets, Work Vests and Immersion Suits cover the regulatory requirements stated by the USCG and the European Marine Equipment Directive (MED) for SOLAS and EC approved products. We also service Inflatable Lifejackets and Immersion Suits. Many more lifejackets and work vests are available upon request, please, check www.datrex.com.

CHILD SOLAS/MED

VSMK10CJ

- Weight between 15-43 kg



INFANT SOLAS/MED

VSMK10IJ

- Weight up to 15 kg



INFANT BABY SAFE 15 SOLAS /MED

VSBS15J

- Weight: Up to 15 kg
- Comes with whistle
- Lifejacket light can be fitted
- Jackets are extremely comfortable and foldable



USCG APPROVED TYPE I'S AND 70N LIFEJACKETS

DATREX OFFSHORE WEARABLE TYPE I

DX400RTJ (Adult Universal)

DX401RTJ (Child)

- The most comfortable USCG Type I PFD
- Minimum buoyancy of 24 lbs
- 63 Sq. inches of SOLAS-grade reflective tape
- Weather and fade-resistant polyester shell and liner
- Light loop and whistle attachment over shoulder
- 316 stainless steel hardware



DATREX OFFSHORE TYPE I COLLAR STYLE

DX320RTJ (Adult Universal)

DX321RTJ (Child)

- USCG Type I PFD
- Minimum buoyancy of 24 lbs
- SOLAS-grade reflective tape
- Weather and fade-resistant polyester shell and liner
- 316 stainless steel hardware



DATREX COMMERCIAL MAXFLOW MESH VEST LEVEL 70N (FORMERLY TYPE III) USCG / TC

DX2300SOJ Small 86-97 cm (34-38 in)

DX2300MOJ Medium 97-107 cm (38-42 in)

DX2300LOJ Large 107-117 cm (42-46 in)

DX2300XLOJ XL 117-127 cm (46-50 in)

DX23002XLOJ 2XL 127-137 cm (50-54 in)

DX23003XLOJ 3XL 137-152 cm (54-60) Available spring 2021



DATREX Maxflow Level 70 Newton lifejacket/PFD is designed for continuous wear while working near shore or easy access to safety. Level 70N is a new standard from USCG that harmonizes the approval across North America and replaces the Type III designation.

- Both USCG and TC approved
- Maxflow Mesh Vest can be substituted under CFR Subchapter M to be used instead of USCG Workvest Only Vest with acceptance of local USCG OCMI
- Patent Pending Maxflow system to keep the user cooler and more comfortable
- Split foam system that surrounds the torso more uniformly and feels less bulky
- Mesh sides and shoulder for added breathability, comfort and mobility
- True and tailored sizing for today's users
- New standard replacing Type III designation
- Two large pockets with hook and loop closure, pull tabs and tether loops inside pockets
- Molle to attach accessories such as radios, tools or other safety electronics
- Harness hole on back panel to work universally with fall harness protection
- High visibility orange with SOLAS grade retroreflective
- Hand warmer liner behind pockets with fleece



DATREX VINYL DIP WORK VEST TYPE V

DXWVS1DJ

- Vinyl Dip Work Vest Type V
- Size: Adult Universal
- Minimum buoyancy of 17.5 lbs
- Great fitting – Comfortable
- More compact foam than the competition for superior comfort
- Harness hole on back panel to work universally with fall harness protection
- USMCA Product, made in North America with U.S. foam, more comfortable than the Chinese built competition



DATREX USCG TYPE III/V WORKFLOW WORKVEST

DX3500UJ

- USCG approved Workvest Type III/V
- Flotation collar for added protection
- Minimum buoyancy of 17.5 lbs
- Sizes: Universal
- Patent Pending system to keep the user cooler and more comfortable
- Split foam system that surrounds the torso more uniformly and feels less bulky
- Molle to attach accessories such as radios, tools or other safety electronics
- Harness hole on back panel to work universally with fall harness protection
- High visibility orange with SOLAS grade retroreflective



SUBCHAPTER M



DATREX MAXFLOW HIGH-VIS ANSI MESH VEST 70N

(FORMERLY TYPE III) USCG / TC / ANSI

ANSI/ISEA 107-2010 Class 2 Level 2

ANSI/ISEA 107-2015 Type R Class 2

DX2300MANSIJ Medium 97-107 cm (38-42 in)

DX2300LANSIJ Large 107-117 cm (42-46 in)

DX2300XLANSIJ XL 117-127 cm (46-50 in)

DX23002XLANSIJ 2XL 127-137 cm (50-54 in)

DX23003XLANSIJ 3XL 137-152 cm (54-60 in) Available Spring 2021



DATREX ANSI version of Maxflow Level 70 Newton lifejacket/PFD is designed for continuous wear while working near water or easy access to safety. Level 70N is a new standard from USCG that harmonizes the approval across North America and replaces the Type III designation.

- Both USCG and TC approved
- Patent Pending Maxflow system to keep the user cooler and more comfortable
- Split foam system that surrounds the torso more uniformly and feels less bulky
- Mesh sides and shoulder for added breathability, comfort and mobility
- True and tailored sizing for today's users
- New standard replacing Type III designation
- Two large pockets with hook and loop closure, pull tabs and tether loops inside pockets
- Harness hole on back panel to work universally with fall harness protection
- High visibility fabric and retroreflective that meets the ANSI requirements
- Hand warmer liner behind pockets with fleece



DATREX TRIDENT 150 TYPE II AUTOMATIC INFLATABLE

DX150T2HGJ

AO1363J (Re-arming kit)



Datrex Trident 150 USCG Type II inflatable recreational offshore lifejacket/PFD is designed for comfort and continuous wear while near shore or offshore with an automatic and manual inflator mechanism with 35 lbs of buoyancy. Approved on uninspected commercial vessels up to 40 ft when worn. Trident 150's cover and hardware are designed for rugged use and harsh environments.

Significant features with Datrex Trident 150:

- Automatically inflates upon immersion in water
- Pull cord for manual inflation
- Universal sizing fits 30" to 65" chest sizes and for persons 16 years of age and older; over 80 lbs
- Window to indicate readiness
- High visibility chamber color with SOLAS retro-reflective tape
- Minimum 35 lbs. buoyancy
- U.S.C.G. Type II Approval
- Soft neckline to reduce chafing
- Durable fabric resist tears and punctures
- With the latest USCG Approved Inflator automatic mechanism



A-33 IN-SIGHT AUTOMATIC INFLATABLE WORK VEST USCG TYPE V

AO1532J

AO1362J (Re-arming Kit)



- Durable fabric resists tears and punctures
- Extended sizing to fit a 30"- 65" chest
- Attachment on air chamber for safety light
- SOLAS grade reflective material for greater visibility
- 2" body belt for added strength and durability
- Soft extended neoprene neckline for all day comfort
- Two stainless steel slide adjusters for easier donning
- USCG approved/SOLAS compliant whistle attached
- Equipped with back-up oral inflation
- In-Sight – shows GREEN if the product is armed and ready to use; shows RED if not ready to use
- Minimum buoyancy of 35 lbs when fully inflated
- U.S. Coast Guard Approved Type V Work Vest

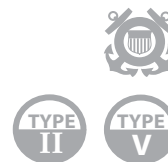


MUSTANG WORK VEST USCG TYPE V

MUS3188J

MUSMA7214J (Re-arming kit)

- To be used on any size of inspected/uninspected vessel
- 5-year maintenance free on hydrostatic inflator
- Rugged and easy to clean cover made from PU coated nylon
- Buoyancy: 150N
- Single chamber design
- Includes whistle



DATREX SERVICES INFLATABLE LIFEJACKETS AND KEEPS MOST REARMING KITS IN STOCK

DATREX TRIDENT 275 SOLAS/MED

DX275SHBJ

275N MED SOLAS Dual Chamber Inflatable Lifejacket/PFD



- Trident 275N SOLAS/MED dual chamber lifejacket is a high buoyancy commercial grade SOLAS approved inflatable PFD mostly used on mega yachts and commercial marine applications.
- Designed for offshore use, this jacket is made to be worn comfortably as part of your attire while working out at sea.
- Datrex Trident 275N fits comfortably over layers of clothing with double crotch straps. The exterior is made from a rugged dark cover that hides stains and dirt while the reflective and high visibility trim keeps you visible during day and night.
- The neoprene neckline adds comfort and reduces skin chafing. Dual chamber is for added safety at sea with one fully automatic inflator and a backup manual inflator
- Once automatically inflated, both chambers are equipped with oral inflation tubes. Datrex Trident 275 includes a water activated lifejacket light, a whistle, buddy line, retroreflective tape and a hi-vis lifting loop for added safety while in water.
- Optional equipment that can be added to this product are MOB devices and sprayhood.
- Comes with light and whistle
- Equipped with Hammar Inflators-5 year shelf life

MULLION 275 ULTRA-FIT SOLAS/MED

MU275BLUJ (Blue)

MU275REDJ (Red)



- Buoyancy 275 N
- Double Chamber
- Stainless steel harness/ D-ring Crotch Strap
- Comes complete with whistle light
- Colors: Blue, Red

KADEMATIC 275 SOLAS/MED

KA275SOLASJ



- SOLAS 2010/MED
- Buoyancy 275 N
- Double Chamber
- Comfortable quick buckle at the front
- Comes complete with whistle/light
- Color: Blue

KADEMATIC 150 SOLAS/MED

KA150SOLASJ



- SOLAS 2010/MED
- Buoyancy 160 N
- Double Chamber
- Comes complete with whistle/light
- Color: Blue

MULLION WELDER'S JACKET 275N WELDERS INFLATABLE LIFE JACKET

MU1MYGA3VP1J

Touch and close fastening cover / Protects against flame and molten metal splashes / Light weight and comfortable to wear / Wipe clean cover

MATERIAL TESTED TO:

- EN 348, as per EN 470/1 - for impact against molten metal drops during welding
- EN 367, as per EN 531 level B1 - for protection against convective heat
- EN 366, as per EN 531 level C3 - for protection against radiant heat
- EN 373, as per EN 531 level D2 - for protection against molten aluminium
- EN 373, as per EN 531 level E3 - for protection against molten iron splash
- CE Approved



DATREX SERVICES INFLATABLE LIFEJACKETS AND KEEPS MOST REARMING KITS IN STOCK

IMMERSION AND ANTI-EXPOSURE SUITS

IMMERSION SUIT - USCG/SOLAS/MED/TC

AO1541IJ (Intermediate)

Weight: 110 lbs. to 250 lbs. (50kg to 113kg)

Height: 5'2" to 5'10" (157cm to 178cm)

AO1541UJ (Universal)

Weight: 110 lbs. to 305 lbs. (50kg to 138kg)

Height: 4'11" to 6'3" (150cm to 191cm)

AO1541OJ (Oversize)

Weight: 250 lbs. to 350 lbs. (113kg to 159kg)

Height: 6'3" to 6'10" (191cm to 208cm)

BSI590SCSJ (Child)

Weight: 44 lbs. to 110 lbs. (20kg to 50kg)

Height: up to 4' 11" (99cm to 150cm)



- Complies with IMO RES 207(81)
- Hi-vis yellow inflatable head pillow, face mask, mitts, and ankle adjustments for increased visibility in the water
- Removable head pillow for easy servicing
- Neoprene pocket for PLB and attachment point
- Gloves are positioned so sleeves turn at the elbows for easy donning
- Stainless steel lifting harness
- Easily accessible buoyant buddy line with snap hook
- Three fingered glove for added warmth
- 5mm flame retardant neoprene
- SOLAS grade reflective material for increased visibility
- USCG approved/SOLAS compliant whistle attached
- Includes whistle

URSUIT IMMERSION SUIT FOR PROFESSIONAL USE SOLAS/MED



UR004811J (Small)

UR004812J (Medium)

UR004813J (Large)

UR004814J (XL)

UR004815J (2XL)

Please specify socks or boots

- Material: 4-Tex®
- Plastic zipper
- Sleeve pockets with integrated 5-finger neoprene gloves
- Thigh pocket with velcro tape
- Radio pocket with whistle and buddy line
- Elastic neck seal and hood
- Wrist seals are made of superglide neoprene
- Many reflective tapes
- Knee and back reinforcements
- Socks
- Integrated suspenders and loops for drying
- Separate hood
- Includes carrying /storage bag



ADDITIONAL NON -INSULATED SUITS AVAILABLE UPON REQUEST

FIRE FIGHTER SUIT WITH ACCESSORIES SOLAS/MED

For many years Datrex and Mullion have cooperated on inflatable lifejackets and immersion suits and now Mullion and Datrex have taken the next step by offering the SOLAS market a high quality fire fighter suit.



TWO PIECE FIREFIGHTER SUIT WITH A TWO-LAYER ARAMID THERMAL INSULATION BARRIER

- Breathable, wicking performance
- MED/SOLAS Approved
- Meets the SOLAS fire resistant standards (EN469:2005) of a minimum of 5 minutes at 356F (180C)
- Outer shell treated with water repellent finish
- Flame resistant triple trim reflective tape on chest, back, arms and legs for optimum visibility day and night
- Stand-up collar with touch and close fastening to protect the neck
- Front zip closure
- Storm flap
- Adjustable elastic shoulder straps
- Adjustable wrist closures
- Color standard orange



FIREFIGHTER BOOTS

- Electrical Insulating fireman's boots, with rubber uppers, a protective toe cap, a flame retardant rubber outsole and a comfortable woven cotton canvas lining.
- Flame retardant rubber upper with heat insulation and chemical resistance
- Flame retardant, fuel oil resistant and slip resistant rubber outsole
- Withstands 18kV and high temperature
- Cold insulating outsole construction
- Steel midsole that withstands pins and sharp objects
- Steel toe cap (EN ISO 20345)
- Comfortable woven cotton canvas lining
- When ordering please specify boot size



FIREFIGHTER GLOVES

- Heat and cut resistant leather gloves with Kevlar thread on seams
- Perfect fit with elastic tightening at the wrists
- Cow-nappa leather
- Lining with cut resistant insulation material (100% Para-aramide)
- Eurotex membrane
- Elastic tightening at the wrist
- Kevlar thread



FIREFIGHTER HOOD

MS-FH02-M

Universal size
Fire resistant cotton



FIREFIGHTER HELMET UNIVERSAL SIZE

MS-FH02-M

Durable and adjustable flame retardant helmet with neck protector and replaceable visor.

- Full-surface impact protection and insulation against heat all over the entire helmet inside
- Nomex chin strap (with 3-point attachment) with quick release buckle
- Replaceable visor
- Leather neck protector to protect neck, ears and part of the cheeks against flames, sparks, steam and liquids
- Inner and outer shell detachable for inspection, cleaning and maintenance
- One helmet fits head sizes 52-64 cm (20.5 - 25 inches).



FIREFIGHTER GEAR BAG

MUFIFIBAGM

Red gear bag for storing the complete Firefighter kit



GARMENT	JACKET	PANTS	BOOT SIZES	BOOTS	GLOVE SIZE	GLOVES
SMALL	MUFIREJKTSMM	MUFIREPANTSMM	5.5 (UK 38)	MU2MZN38M	-	-
MEDIUM	MUFIREJKTMDM	MUFIREPANTMDM	7.5 (UK 40)	MU2MZN40M	-	-
LARGE	MUFIREJKTLGM	MUFIREPANTLGM	9 (UK 42)	MU2MZN42M	LARGE/9	MU2MZOL9M
X-LARGE	MUFIREJKTXLGM	MUFIREPANTXLM	11 (UK 44)	MU2MZN44M	X-LARGE/10	MU2MZXL9M
2XL	MUFIREJKTXXLM	MUFIREPANTXXLM	13 (UK 46)	MU2MZN46M	2X-LARGE/11	MU2MZXXLM
3XL	MUFIREJKTXXXLM	MUFIREPANTXXXLM	15 (UK 48)	MU2MZN48M	-	-
-	-	-	17 (UK 50)	MU2MZN50M	-	-

GAS DETECTORS

RKI produces a complete line of portable gas monitoring equipment for utilities, mining, police, fire, rescue, hazmat, shipping, transportation, telecom, refineries and offshore drilling platforms. Datrex offers full line of portable and fixed gas detectors, calibration and full training.

GX-2009 4 SENSOR LEL/O₂/H₂S/CO WITH CLIP AND CHARGER-DIFFUSION TYPE

RK72-0314RKCE

- Simultaneous detection of 4 gases, LEL, O₂, H₂S & CO
- Smallest / Lightest 4 gas monitor on the market
- Dual audible alarm ports
- 3 visual alarm LED's
- Vibration alarm
- IP-67 water-resistant/dustproof design
- Calibration and bump test lock out or reminder controls
- 20 hours of operation (NiMH batteries)
- Automatic backlighting at alarm
- Impact resistant over-mold body, RFI shielded body
- STEL and TWA readouts
- Intrinsically safe, CSA, C/US classified, IECEx / ATEX approved, SOLAS XI-1/7 Compliant
- Sample drawing pump can be added for confined space entry



GX-3R PERSONAL GAS DETECTOR CONFINED SPACE 4 GAS MONITOR

RK72-RACE

- Smallest & lightest 5 gas monitor
- 2.9" W x 2.6" H x 1.06" D
- 3.58 ounces
- Simultaneous detection of 5 gases, LEL, O₂, H₂S, CO and other optional sensors
- H₂ Compensated CO sensor available
- Simple 2-button operation
- Non-Compliance Indicator
- Bluetooth communication with iOS & Android App
- Non-Compliance Indicator
- 3 user adjustable alarm levels
- Panic Alarm, tap instrument twice
- Man Down Alarm
- Impact resistant body
- Large full dot, auto-backlit display with auto-rotation
- Stealth mode for law enforcement
- Field replaceable sensors & filters
- Water and dust resistant design, IP66/68
- Intrinsically safe, ATEX/IECEX/CE
- 3 Year warranty



GX-2012 4 SENSOR BUILT-IN PUMP ALKALINE BATTERY

RK72-029022A51E

- Monitors ppm LEL, % volume methane, O₂, CO and H₂S
- 0 to 100% volume methane option
- Auto-ranging display of % LEL and % volume
- 3 Operating modes: Normal, leak check, & bar hole
- PPM leak detector
- Adjustable display ranges
- Visual / audible pulses change with gas concentration
- CO display in leak check mode
- Barhole test mode for underground leak checks
- Internal sample drawing pump with up to 50'
- Vibration, visual, and audible alarms
- Automatic backlight during alarms
- Lithium ion or alkaline battery packs (interchangeable)
- Intrinsically safe, ATEX/IECEX/CE



SDM-2009 DOCKING AND CALIBRATION STATION WITH ACCESSORIES

RK81-SDM200903E

- Stand Alone Station (PC not required)
- Charging
- Calibration
- Bump Test



SDM 2012 DOCKING AND CALIBRATION STATION WITH ACCESSORIES

RK81-SDM201203E

- Stand Alone Station (PC not required)
- Charging
- Calibration
- Bump Test



Datrex offers the complete line of FallTech. Since 1991, FallTech has been proudly designing and manufacturing state-of-the-art fall protection products from their headquarters in Compton, CA. FallTech's rich history is built on a commitment to reliable performance and unsurpassed value. We deliver systems for tank safety, rescue boat crews and general work onboard.

FALLTECH® 7073 CONTRACTOR BELTED HARNESS

FT7073M-SM (Small/Medium)

FT7073M-LXL (Large/XL)

FT7073M-2XL (2XL)

Contractor harnesses are serviceable entry-level fall protection essentials for infrequent to daily use in Fall Arrest, Work Positioning and Climbing applications.

- 5 points of adjustment (chest, legs and torso)
- Torso keeper for stowing idle lanyard connector
- Paired mating buckle adjusters on front torso



FALLTECH® 7021 BFD JOURNEYMAN FLEX ALUMINUM, CLIMBING NON BELTED

FT7021BFDSM (Small)

FT7021BFDMM (Medium)

FT7021BFDLM (Large)

FT7021BFDXLM (XL)

The Journeyman FLEX Aluminum Harness has a long-standing tradition of being the working man's harness. New design elements have been engineered into the harness for added comfort reducing fatigue to the user. With its reduced weight and added comfort, the Journeyman FLEX Aluminum harness offers unmatched durability, reliability and value.

- Aluminum hardware for lighter weight
- Two D-rings; One Back and One Sternal
- Premium breathable padded air mesh shoulder yoke
- Quick Connect Visi-lock chest buckle
- 18" countoured leg pads
- FallTech proprietary CamLock torso adjusters
- Tongue buckle Leg Adjusters
- Non-slip dorsal D-ring adjustment
- Paired mating buckle adjusters on front torso



FALLTECH® DURATECH® 7265CSS SRL WITH 60' STAINLESS STEEL CABLE AND LIFELINE CONNECTOR AND SIDE-PAYOUT ALUMINUM HOUSING

FT7265CSM

- 3/16" stainless steel cable lifeline with stainless steel load-indicating swivel snap hook
- Side-payout design delivers smooth lifeline operation.
- Internal inertial braking system with dual disc brakes provides superior deceleration
- SRL also features internal stainless steel pressure plate
- Lifeline assembly includes recoil spring to help reduce retraction lock-up
- Integrated lifeline hand-grip simplifies dorsal connection
- Stackable housing design and handle provide easy installation and storage
- Complies with ANSI Z359.14-2014



FALLTECH® ELASTECH® ALUMITECH 6' SHOCK ABSORBING LANYARD

FT8240Y3AM

- AlumiTech 6' Shock Absorbing Lanyard – Aluminum
- Adjustable Y-leg for 100% Tie-off; with 1 Aluminum Snap Hook and 2 Aluminum Rebar Hooks.
- 4 1/2' to 6'
- Heavy duty tubular polyester outer jacket web resists abrasion and UV
- Internal high modulus elastic won't soften from frequent use
- Forged steel or aluminum connectors with 3,600 lbs gate strength
- Full-length internal energy absorber limits fall forces to 900 lbs or less



DUARRY SOLAS/MED INFLATABLE LIFERAFTS

Duarry specializes in Liferafts. Designed and manufactured according to the latest innovations and built with resilient first-class materials. The wide range of liferafts allows you a solution that best meets your needs. Liferafts meeting all SOLAS regulations and carrying an MED approval certificate, with an extensive range of service stations spread all over the world, guarantees you the best service anywhere you sail.



COMMERCIAL MEGAYACHT COMPACT LIFERAFTS

Our liferafts are delivered vacuum packed for a smaller footprint to save on deck space. Complete package with fiberglass low profile container, cradle, lashing and HRU, with A-Pack. SOLAS/MED approved.

	MODELS	Persons	Includes	Container	Approval	Weight lbs (kg)	Dimensions inches (cm)
1	DUNC6R	6	A-Pack with Cradle/Hardware/HRU	Fiberglass Low Profile	SOLAS/MED	155 (70)	33.5x23x14 (85x57x35.5)
2	DUNC8R	8	A-Pack with Cradle/Hardware/HRU	Fiberglass Low Profile	SOLAS/MED	183 (83)	36.3x22.5x13.4 (92x57x34)
3	DUNC10R	10	A-Pack with Cradle/Hardware/HRU	Fiberglass Low Profile	SOLAS/MED	210 (95)	38x22.2x15.8 (99x56.4x40)
4	DUNC12R	12	A-Pack with Cradle/Hardware/HRU	Fiberglass Low Profile	SOLAS/MED	247 (112)	39x22.2x15.8 (99x56.4x40)



STANDARD COMMERCIAL DUARRY LIFERAFTS

	MODELS	Persons	Includes	Container	Approval	Weight lbs (kg)	Dimensions inches (cm)
1	DUN6SCR	6	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	172 (78)	43x24x21 (109x61x53)
2	DUN8SCR	8	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	199 (90)	43x24x21 (109x61x53)
3	DUN10SCR	10	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	225 (102)	48x25x22 (123x64x55)
4	DUN12SCR	12	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	265 (120)	48x25x22 (123x64x55)
5	DUN16SCR	16	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	309 (140)	50x26x26 (128x67x67)
6	DUN20SCR	20	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	353 (160)	52x27x24 (133x69x62)
7	DUN25SCR*	25	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	408 (185)	59x29x26 (149x75x67)

* Can be packed in a 20 Persons container

SEA-SAFE SOLAS/MED INFLATABLE LIFERAFTS

Sea-Safe has decades of valuable experience in the maritime manufacturing market with 76 full service, Liferaft service stations set up across the globe. Sea Safe Life Rafts meet all SOLAS regulations and carry an MED approval. Datrex is the #1 stop for Sea Safe Liferrafts.



COMMERCIAL SEA-SAFE 6-25 PERSON LIFERAFTS

All liferafts are delivered complete with cradle, lashing and HRU with A-Pack. SOLAS/MED approved.

	MODELS	Persons	Includes	Container	Approval	Weight lbs (kg)	Dimensions inches (cm)
1	DX9208FLATR	6	A-Pack with Cradle/Hardware/HRU	Fiberglass Flat Profile	SOLAS/MED	165 (75)	39x23x17 (100x59x44)
2	DX9208R	6	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	165 (75)	42x22 (105x55)
3	DX9209FLATR	8	A-Pack with Cradle/Hardware/HRU	Fiberglass Flat Profile	SOLAS/MED	194 (88)	39x23x17 (100x59x44)
4	DX9209R	8	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	194 (88)	42x22 (105x55)
5	DX9210FLATR	10	A-Pack with Cradle/Hardware/HRU	Fiberglass Flat Profile	SOLAS/MED	216 (98)	41x27x17 (105x69x44)
6	DX9210R	10	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	216 (98)	43x24 (110x61)
7	DX9211FLATR	12	A-Pack with Cradle/Hardware/HRU	Fiberglass Flat Profile	SOLAS/MED	240 (109)	41x27x17 (105x69x44)
8	DX9211R	12	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	240 (109)	43x24 (110x61)
9	DX9212R	16	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	291 (132)	45x27 (115x68)
10	DX9213R	20	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	357 (162)	51x28 (130x70)
11	DX9214R	25	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	403 (183)	57x29 (144x73)

COMMERCIAL SEA-SAFE 12-25 PERSON DAVIT LAUNCHED LIFERAFTS

	MODELS	Persons	Includes	Container	Approval	Weight lbs (kg)	Dimensions inches (cm)
1	DX9508R	12	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	302 (137)	51x28 (130x70)
2	DX9509R	16	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	359 (163)	51x28 (130x70)
3	DX9540R	20	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	414 (188)	55x31 (139x80)
4	DX9511R	25	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	465 (211)	55x31 (139x80)

COMMERCIAL SEA-SAFE COMPACT LIFERAFT

	MODELS	Persons	Includes	Container	Approval	Weight lbs (kg)	Dimensions inches (cm)
1	DXPC9204R	16	A-Pack with Cradle/Hardware/HRU	Fiberglass Low Profile	SOLAS/MED	270 (122.5)	41x27x17 (105x69x44)



COMMERCIAL SEA-SAFE ORIL/IBA LIFERAFTS

	MODELS	Persons	Includes	Container	Approval	Weight lbs (kg)	Dimensions inches (cm)
1	DX9608FLATR	6	HSC Pack with Cradle/Hardware/HRU	Fiberglass Flat Profile	SOLAS/MED	108 (49)	32x22x14 (82x57x35)
2	DX9609FLATR	10	HSC Pack with Cradle/Hardware/HRU	Fiberglass Flat Profile	SOLAS/MED	146 (66)	41x27x17 (105x69x44)
3	DX9610R	25	HSC Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	218 (99)	43x24 (110x61)
4	DX9611R	30	HSC Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	256 (116)	43x24 (110x61)
5	DX9612R	50	HSC Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	370 (168)	57x29 (144x73)
6	DX9613R	65	HSC Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/MED	408 (185)	59x29 (150x74)

REVERE SOLAS/USCG INFLATABLE LIFERAFTS

Revere Life Rafts are renowned for their uncompromising quality and design sophistication. The Revere USCG/SOLAS Life Rafts meet the requirements of SOLAS and hold the highly regarded United States Coast Guard Approval. There are multiple Datrex/Revere Liferaft service stations across the US to help meet your needs.

COMMERCIAL REVERE SOLAS/USCG LIFERAFTS

COMPLETE IN LOW PROFILE OR ROUND FIBERGLASS CONTAINER AND CRADLE

Our liferafts are delivered complete with cradle, lashing and HRU with A-Pack. SOLAS/USCG approved.



	MODELS	Persons	Includes	Container	Approval	Weight lbs (kg)	Dimensions inches (cm)
1	RS45REVCGS4LP	4	A-Pack with Cradle/Hardware/HRU	Fiberglass Flat Profile	USCG ONLY	110 (50)	34.5x24.5x12 (87x63x36)
2	RS45REVCGS6LP	6	A-Pack with Cradle/Hardware/HRU	Fiberglass Flat Profile	SOLAS/USCG	160 (73)	38x26x16 (97x66x40)
3	RS45REVCGS6RD	6	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/USCG	165 (75)	41.5x23 (105x59)
4	RS45REVCGS8LP	8	A-Pack with Cradle/Hardware/HRU	Fiberglass Flat Profile	SOLAS/USCG	183 (75)	38x26x16 (97x66x41)
5	RS45REVCGS8RD	8	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/USCG	188 (85)	43x25.5 (109x65)
6	RS45REVCGS10RD	10	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/USCG	210 (95)	46.5x25.5 (118x65)
7	RS45REVCGS12RD	12	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/USCG	243 (110)	49x25.5 (125x65)
8	RS45REVCGS16RD	16	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/USCG	291 (132)	47x27 (120x69)
9	RS45REVCGS20RD	20	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/USCG	371 (168)	57x27 (145x69)
10	RS45REVCGS25RD	25	A-Pack with Cradle/Hardware/HRU	Fiberglass Round	SOLAS/USCG	595 (270)	63x30 (160x76)

COMMERCIAL MEGAYACHT COMPACT SOLAS/USCG LIFERAFTS

LIFERAFTS IN LOW PROFILE FIBERGLASS CONTAINERS

Our liferafts are delivered complete with cradle, lashing and HRU SOLAS/USCG with A-Pack:



	MODELS	Persons	Includes	Container	Approval	Weight lbs (kg)	Dimensions inches (cm)
1	RS45REVCGS6LP	6	A-Pack with Cradle/Hardware/HRU	Fiberglass Low Profile	SOLAS/USCG	143 (65)	31x22x13 (79x56x33)
2	RS45REVCGS8LP	8	A-Pack with Cradle/Hardware/HRU	Fiberglass Low Profile	SOLAS/USCG	169 (77)	33x22x13 (84x56x33)
3	RS45REVCGS10LP	10	A-Pack with Cradle/Hardware/HRU	Fiberglass Low Profile	SOLAS/USCG	198 (90)	37x25x14 (94x64x36)
4	RS45REVCGS12LP	12	A-Pack with Cradle/Hardware/HRU	Fiberglass Low Profile	SOLAS/USCG	220 (100)	37x25x14 (94x64x36)
5	RS45REVCGS16LP	16	A-Pack with Cradle/Hardware/HRU	Fiberglass Low Profile	SOLAS/USCG	278 (126)	43x26x15 (109x66x38)

COMMERCIAL REVERE USCG IBA LIFERAFTS

IN VALISE, LOW PROFILE OR ROUND FIBERGLASS CONTAINER

Our liferafts are delivered complete with cradle, lashing and HRU SOLAS/USCG with A-Pack:

Revere Survival offers a wide range of IBA sizes. While the 4, 6, 8 and 10 person non-reversible IBA are available in a water resistant soft valise or low profile fiberglass container, the 25 and 50 person reversible IBAs are available in cylindrical containers. Our IBAs are constructed with double buoyancy chambers, inflatable boarding ramps, rescue light and an emergency equipment pack. Cradle assemblies for our low profile containers are constructed from light-weight aluminum and include a securing strap and hydrostatic release. Cradle assemblies for 25 and 50 person IBAs are constructed in powder coated steel and are available in standard flat inclined stowage. Incline cradle assemblies are available for up to three rafts and are available for special order.






































Features:

- Double buoyancy chambers
- Automatically activating rescue light
- Emergency equipment packs
- Heavy duty boarding ladder on non-reversible models
- Interior and exterior grasp lines



	MODELS	Persons	Includes	Container	Approval	Weight lbs (kg)	Dimensions inches (cm)
1	RS45REVIBA4V	4	Valise	Valise	USCG	67 (30.5)	27.5x16.5x10 (125x64)
2	RS45REVIBA4C	4	Cradle/Hardware/HRU	Flat Profile	USCG	80 (36.5)	29.5x19x13 (120x69)
3	RS45REVIBA6V	6	Valise	Valise	USCG	71 (32)	27.5x16.5x11 (69x42x28)
4	RS45REVIBA6C	6	Cradle/Hardware/HRU	Flat Profile	USCG	87 (39.5)	30x21x13 (79x53x33)
5	RS45REVIBA8V	8	Valise	Valise	USCG	74 (33.5)	27.5x17x11 (70x43x28)
6	RS45REVIBA8C	8	Cradle/Hardware/HRU	Flat Profile	USCG	94 (42.5)	30.5x21.5x13.5 (77x54x34)
7	RS45REVIBA10V	10	Valise	Valise	USCG	82 (37)	28.5x17.5x10.5 (72x45x27)
8	RS45REVIBA10C	10	Cradle/Hardware/HRU	Flat Profile	USCG	105 (47.5)	32.5x22.5x14 (83x57x35)
9	RS45REVIBA25C	25	Cradle/Hardware/HRU	Round	USCG	205 (93)	44x25 (112x63)
10	RS45REVIBA50C	50	Cradle/Hardware/HRU	Round	USCG	355 (161)	54.5x27.5 (138x70)

FLASHLIGHT/LIFEBOAT/LIFERAFT LIGHTS AND BATTERIES

	<p>X-SERIES INTRINSICALLY SAFE DUAL-LIGHT BP5422GMXE</p> 		<p>X-SERIES DUAL-LIGHT BP2424GMXE</p>
	<p>X-SERIES INTRINSICALLY SAFE DUAL-LIGHT HEADLAMP BP5454GE</p> 		<p>ST-250 LIFERAFT LIGHT SOLAS TORCH DAST250E</p>  
	<p>FLASHLIGHT, SAFETY APPROVED Waterproof 3-way switch 3 D-cell DX3422M</p> 		<p>FLASHLIGHT, SAFETY APPROVED Waterproof 3-way switch 2 D-cell DX3421M</p> 
	<p>RL6 EXTERNAL LIGHT DA490210650AE</p>   		<p>RL6 INTERNAL LIGHT WITH BATTERY DA49011AE</p>   
	<p>SL-400 EXTERNAL LIFEBOAT LIGHT 12V DASL400E</p>  		<p>SL-500 INTERNAL LIFEBOAT LIGHT 12V DASL500E</p>   
	<p>RESCUE MASTER 12V EXTERNAL LIFEBOAT LIGHT 12V DA230074000AE</p>  		<p>RESCUE MASTER 2B EXTERNAL LIGHT DA2102E</p>   
	<p>RB2 BATTERY, STANDARD Lifeboat / Liferaft battery DA0RB2E</p>		<p>RESCUE MASTER 2B BATTERY Lifeboat/Liferaft battery DA2100E</p>

MISCELLANEOUS SAFETY PRODUCTS

	<p>FIRST AID KIT LIFEBOAT USCG DX0400M</p> 		<p>FIRST AID KIT LIFERAFT USCG DX0401M</p> 
	<p>FIRST AID KIT LIFEBOAT/ LIFERAFT SOLAS DX0402M</p> 		<p>ANTI-SEASICKNESS TABLETS 50MG 12 PER PACK DX1500M</p>
	<p>ANTI-SEASICKNESS TABLES 50MG 100 PER PACK UMDIM627M</p>		<p>ANTI-SEASICKNESS TABLES 25MG 1000 PER PACK UM1208M</p>
	<p>FISHING KIT USCG/SOLAS DX1514M</p>  		<p>JACKKNIFE WITH CAN OPENER AND LANYARD USCG/SOLAS DX1510M</p>  
	<p>RESCUE QUIT DX1512M</p>		<p>LINE FOR RESCUE QUIT DX1512AM</p>
	<p>DRINKING CUP, GRADUATED 125 ML WITH LANYARD DX1525M</p>		<p>BAILER WITH LANYARD FOR LIFEBOATS BN0088M</p>
	<p>SEA ANCHOR 36" USCG AM0140M</p>		<p>OIL CAN FOR SEA ANCHOR AM0141M</p>
	<p>THERMAL PROTECTIVE AID MED/SOLAS DX1529M</p>  		<p>THERMAL PROTECTIVE AID USCG/SOLAS DX1530M</p>  
	<p>SIGNALLING MIRROR WITH LANYARD USCG/SOLAS DX1502M</p>  		<p>WHISTLE WITH LANYARD AND CLIP FOR EASY ATTACHMENT TO PFD USCG/MED/SOLAS DX0276M</p>   

MISCELLANEOUS SAFETY PRODUCTS

	<p>EEBD WITH BRACKET USCG/SOLAS BW0359500M</p>  		<p>EEBD BRACKET USCG/SOLAS BW0359506M</p>
	<p>BALL SHAPE 24" DIAMETER DX0011M</p>		<p>DOUBLE CONE SHAPE 24" x 48" DX0012M</p>
	<p>CYLINDER SHAPE 24" x 48" DX0013M</p>		<p>CONE SHAPE 24" x 24" DX0014M</p>
	<p>FIRE BLANKET SOFT PACK Approval: CE-EN1869:1997 Size: 1.2m x 1.8m (4ft x 6 ft) Material: 100% fiberglass MS-FB04VP-M</p> 		<p>FIRE BLANKET HARD PACK Approval CE - EN1869:1997 Size: 1.2m x 1.8m (4ftX6ft) Material: 100% fiberglass MS-FB04HP-M</p> 
	<p>BILGE PUMP FOR LIFEBOAT USCG/SOLAS WW2593M</p>  		<p>TOOL KIT FOR LIFEBOAT DX1504M</p>
	<p>HATCHET WITH LANYARD USCG/SOLAS BB0072M</p>  		<p>BUCKET, 10 QT GALVANIZED WITH LANYARD CC0546M</p>
	<p>HEAVING LINE, TO BE USED WITH LIFERING BUOYS, 100 FT, 5/16" DIA (8MM) DX1421M</p>		<p>SEA DYE MARKER, YELLOW GREEN MIL-S-17980D DX1517M</p>
	<p>LIFEBOAT PAINTER LINE 100 FT. BLACK POLY DX1506M 240 FT. BLACK POLY DX1507M Meets CFR Requirements</p>		<p>LIFEBOAT PAINTER LINE 100 FT. WITH EYE SPLICE AND TOGGLE DX1509M 240 FT. WITH EYE SPLICE AND TOGGLE DX1508M Meets CFR Requirements</p>

PASSIVE RADAR REFLECTORS

Echomax is proved the world's most reflective radar reflector line. There is a model for virtually every application with unlimited mounting configurations. Don't compromise your visibility, be SEEN using Echomax.



EM180



EM230BR
SOLAS



EM305



EMA03IM

Approved according to SOLAS and fits into all type of emergency packs for commercial liferafts.

They utilize the largest possible array with the smallest possible robust Polyethylene case for minimum windage and weight. The patented stack design offers the most reflected radar surface area no matter the pitch or roll of the vessel, always offering a right angle corner return to the ship's radar. Every model and size is certified to perform to spec and outperform the competition. Rigid radar reflectors are suitable for deck, mast mounting, or halyard suspension and are available from stock in white. 2 inflatable reflectors are deployed when required and easily stowed below deck, in liferaft or ditch bag.

RADAR TARGET ENHANCERS (RTE)

With miniscule current draw of only 23mA on standby with very large X and S Band responses many times that required by the new upgraded ISO 8729-2. ActiveX, XS greatly increases your radar cross section and so helps avoid a collision particularly in poor conditions. Below deck quadruple alarm for your crews safety enabling a visual and auditory identification of either X or S Band radar interrogation. This is the only FCC approved active radar reflector in the world. Big performance from a small package with external alarms as added safety.



RADAR TARGET ENHANCERS - PASSIVE RADAR REFLECTORS VERSUS AIS

The function of RTE and passive radar reflectors to return the radar signal to the transmitting radar enabling the vessel to be picked at a greater distance and seen earlier. Passive reflectors use no power and return the signal received and the Active-X - XS RTE return an amplified signal, consume a miserly 15-26mA on stand by and have multiple visual and audible alarms. Unlike AIS the response will be restricted by land, poor weather or sea state. Radar is still the prime collision avoidance tool.

What you need to know about AIS AIS system increases safety on board but only shows other vessels fitted with functional AIS Having your own AIS system fitted does not guarantee being seen or show all targets and relies upon reliable data being fed into each vessels own instruments. To trust AIS blindly can put both vessel and crew at risk and should be viewed as a supplement to other watch keeping. AIS displays can be mesmerizing and look real, more real than a radar display.

AIS does not replace radar or increase the radar image of the vessel. AIS is not fitted by warships, some pleasure and fishing vessels, foreign flagged vessels not in IMO regs, large weather or marker buoys. There is concern over reports that commercial AIS users may turn off their sets in crowded areas which clutter the system to a point where it becomes next to useless.

Many of the older commercial ships sailing the high sea do not have their AIS integrated into the radar or chart plotters. The AIS signals are downloaded on to a decoder on the bridge which can only be interpreted by experienced crew.

QUICK COMPARISON FOR ECHOMAX RADAR REFLECTORS



ECHOMAX	12 in Radar Ball	EM180	230BR SOLAS/ MED	230MIDI	230M1M (midi base mounted)	A03i Inflatable SOLAS	305	ECHOMAX ACTIVE RADAR	ACTIVE X	ACTIVE XS DUAL BAND
PART NUMBER	EM0012M	EM180M	EM230BRM	EM230MIDIM	EM230M1M	EMA03IM	EM305PEM	PART NUMBER	EMACTIVEXM	EMACTIVEXSM
NSN#	n/a	n/a	5840-99-742-6193	n/a	n/a	5985-99-380-7258	5840-99-812-8790	NSN#	5840-99-904-3941	5841-99-269-3512
HEIGHT (in)	12	19	24	18	17	24	27	FCC Approval	XZMACTIVE-X	XZMACTIVE-XS
DIAMETER (in)	12	7.75	9.65	9.65	9.65	24.2	13.1	HEIGHT (in)	19	27
WEIGHT (lb)	1.5	3	3	3	3	1	11	DIAMETER (in)	1.6	1.6
RADAR CROSS SECTION (RCS)	Max 5.57 m2 Avg 1.77 m2	8 m2	24 m2	20 m2	20 m2	24.2m2	62.9 m2	WEIGHT (lb)	1.1	1.5
MOUNTING HEIGHT	10-35 ft	-	-	-	-	-	-	RADAR CROSS SECTION (RCS)	118 M2*	X-band: 118 m2 * S-band: 15.75m2*
SPL*	-	-	4.8 M2 SPL	-	-	-	-	RECEPTION FREQUENCY	X band 9.3-9.5 GHz	X band 9.3-9.5 GHz S Band 2.9-3.1 GHz
BRACKET (sold separately)	Yes	Yes	Yes	Yes	Yes	Carbon Fiber Rods (sold separate)	Yes	Voltage	12V	12V
SUGGESTED CRAFT SIZE	Liferafts, Lifeboats, ditch bags, Smaller vessels	Vessels up to 8m (26ft), buoys	Vessels between 9-15m (30-50ft), life boats and rescue craft	Vessels between 8-15m (26-50ft) and sailing yachts	Vessels between 5-12m (16-40ft)	LIFERAFT	Vessels between 15-20m (50-65ft).	Current Consumption	15mA	23mA
MEETS STANDARDS	Meets ISAF 2015 regs	meets no published standard	Ships Wheel Mark certification for lifeboats and rescue craft	with a documented RCS in excess of 10M2 accepted by surveyors and race scrutineers	with a documented RCS in excess of 10M2 accepted by surveyors and race scrutineers	SOLAS certified for liferafts	meets ISO 8729-1997	BRACKET (sold separately)	Yes	Yes
								SUGGESTED CRAFT SIZE	Vessels up to 20m/65ft (Coastal)	Vessels upto 20m/65ft (Offshore)
								MEETS STANDARDS	Meets X band ISO8729-2	Meets both X and S band of ISO requirements of ISO8729-2

*SPL: Stated Performance Level for RTE under ISO8729-2 private - small commercial under 3000GT

RETRO-REFLECTIVE TAPE

DATREX SOLAS* GRADE RETRO-REFLECTIVE TAPE TYPE I & II



* MED approved under Mutual Recognition Agreement between United States and EU.



	MODELS	Width Inches	Type	Length in Yards	Approvals
1	DX1020M	2	Adhesive backing	50	SOLAS/USCG/MED
2	DX1040M	4	Adhesive backing	50	SOLAS/USCG/MED
3	DX101SM	1	Sew-on	50	SOLAS/USCG/MED
4	DX102SM	2	Sew-on	50	SOLAS/USCG/MED

SAFETY TRACK

NON SKID TAPES FOR INDUSTRIAL AND MARITIME USE. ALL TAPES MADE IN USA AND EXCEED OSHA STANDARD MEET MIL-D-17951E (SHIPS) AND NON-SLIP MIL-W-5044C TYPE IV

DATREX OFFER NON SKID TAPES IN ROLLS AND DIE CUTS.

- 1" x 60' ROLL, 12 ROLLS PER CASE
- 2" x 60' ROLL, 6 ROLLS PER CASE
- 3" x 60' ROLL, 4 ROLLS PER CASE
- 4" x 60' ROLL, 3 ROLLS PER CASE
- 6" x 60' ROLL, 2 ROLLS PER CASE
- 6" x 24" 50 PCS PER CASE

COLOR AND TYPES:

- BLACK 3100 SAFETY TRACK
- BLACK 3200 SAFETY TRACK COARSE
- SAFETY RED 3315 SAFETY TRACK
- SAFETY ORANGE 3320 SAFETY TRACK
- YELLOW 3335 SAFETY TRACK
- YELLOW/BLACK STRIPE 3360 SAFETY TRACK
- BLACK 4100 FLEX TRACK



CAUTION 3360 SAFETY TRACK, DIE CUT 6" X 24" - WATCH YOUR STEP 3360 SAFETY TRACK, DIE CUT 6" X 24"

BEST SELLERS

- JM3102M SAFETY TRACK BLACK 2" X 60FT
- JM3104M SAFETY TRACK BLACK 4" X 60FT
- JM3360-2M SAFETY TRACK YELLOW/BLACK 2" X 60FT
- JM3360-6X24M SAFETY TRACK YELLOW/BLACK 6" X 24" CLEAT
- JM3360 6X24CAUTM SAFETY TRACK YELLOW BLACK W "CAUTION" 6" X 24" CLEAT
- JM33606X24WATCM SAFETY TRACK YELLOW BLACK W "WATCH YOUR STEP" 6" X 24" CLEAT
- JM3514M SAFETY TRACK RESILIENT BLACK 4"X60FT RUBBERIZED TEXTURE
- JM3516M SAFETY TRACK RESILIENT BLACK 6"X60FT RUBBERIZED TEXTURE

SIGNAGE AND POSTERS

Datrex manufactures a vast variety of photoluminescent sheet material for use onboard ships and in public/commercial buildings. All our grades exceed the Din standard and are approved by Lloyds Register of Shipping.

We have our own design and printing facility which enables us to tailor make signs to meet our customers special needs.

IN ACCORDING TO:

IMO Resolution A.1116(30)

ISO7010 and 24409

SOLAS CONVENTION (CHAPTER III REG. 9.2.3)

IMO RESOLUTION A.760. (18) AND ISO 17631

BS EN ISO 7010:2012+A7:2017 / BS ISO 24409-2:2014

- LIFESAVING (LSS/LSA) and MEANS OF ESCAPE SIGNS (MES)
- FIRE-FIGHTING EQUIPMENT SIGNS (FES/FFE)
- FIRE CONTROL SYMBOLS (SIS)
- EMERGENCY EQUIPMENT SIGNS (EES)
- MANDATORY SIGNS (MSS)
- PROHIBITION SIGNS (PSS)
- WARNING SIGNS (WSS)
- INTERNATIONAL SHIP AND PORT FACILITY SECURITY (ISPS)
- IMDG HAZMAT
- IMO POSTERS



DATREX DALITE LOW LEVEL LIGHTING (LLL) PERFORMANCE		
LUMINESCENT INTENSITY [m cd/m ²]	10 MINUTES	60 MINUTES
DIN 67510-4 (R) min. requirements	23 mcd/m ²	3 mcd/m ²
IMO Res. A.752 (18) min. requirements	15 mcd/m ²	2 mcd/m ²
ISO 15370 min.	15 mcd/m ²	2 mcd/m ²
DALITE Series 5670	146 mcd/m ²	22.7 mcd/m ²
DALITE Series 5680	181 mcd/m ²	27.7 mcd/m ²
Competition	100 mcd/m ² *	10 mcd/m ²

Datrex has further enhanced their capabilities as a supplier of all of your signage requirements with a major investment in new digital printing and cutting equipment. With this new equipment we can now offer a greater variation in sign design and customization. We offer quick deliveries.