

MARINET

Maritime Intrusion Detection Barrier



Underwater Security Net with Intrusion Detection System

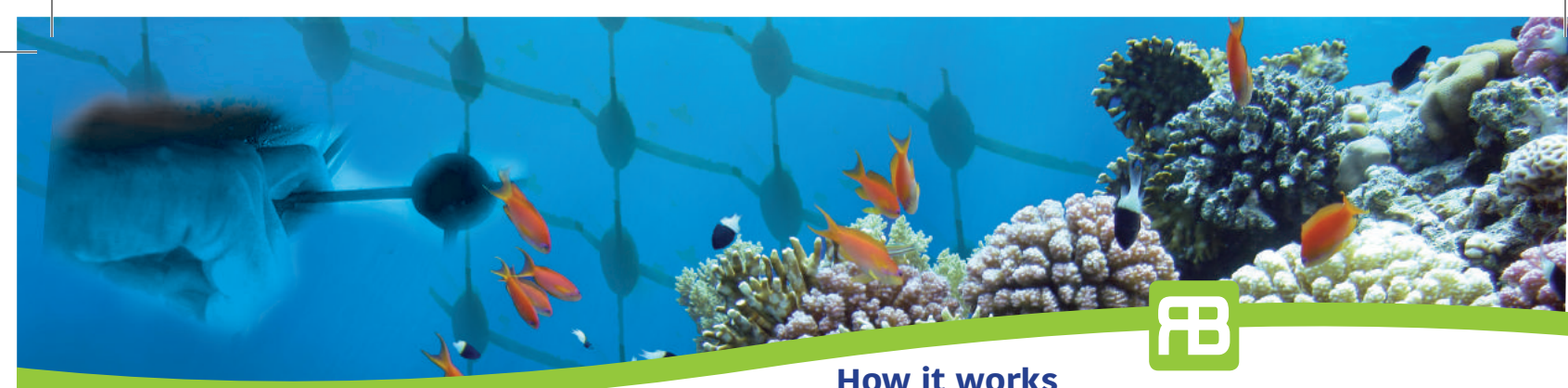


- Physical barrier with 100% detection ability
- Passive Sensor - Extremely low false alarms rate
- Adjusts to structures shape or stands independently
- Can be installed in all types of water
- Can be integrated with early detection systems (sonar/radar)

 **RBteC**
Perimeter Security Systems



Your security is our challenge



MARINET

Maritime Intrusion Detection Barrier

- Physical barrier with 100% detection ability.
- Extremely low false alarms rate - Zero nuisance alarms.
- Adjusts to structures shape or stands independently.
- Suitable for harsh, corrosive environments.
- Not affected by polluted, murky water or low vision.
- Can be installed in all types of salty water.
- Detects intruders all year round, day & night, and in severe weather conditions.
- Wind, rain and waves resistant.
- Smart monitoring enabled for debris and ice.
- Fully integrated with RBtec Vidalert control and monitoring system.
- Can be integrated with early detection systems (sonar/radar).

Technical Spec

- Operating temps: -40°C- +70°C (-40°F - +158°F)
- Detection level: 99.9%
- Max crash resistance: 100 N/CM
- Min. Bend radius for operating: 25mm/0.98"
- Type of cable: Fiber optic based wire.
- Number of fibers: 2
- Inner jacket: Polyethylene
- Outer jacket: PVC
- UV resistance: Yes
- Max. Tensile strength: Short term 1500N
- Weight of 5X5: 25kg/55lbs.
- Cable diameter: 5.5mm/0.21"
- Standard Square Size: 160x160mm (6.3" X 6.3")
- Clips: Sealed, molded polycarbonate reinforced
- Size of standards panel: 5x5m (16.4' X 16.4')
- Resolution of detection - By zones: 1m to 200m long for each zone.

Intrusion detection system

The **Marinet** is a unique defense net barrier designed for installation in water environment.

The **Marinet** is designed to be installed above and under water to block divers, boats and objects from entering into the protected water side.

The barrier is available for installation in various configurations according to the customer infrastructure and security needs.

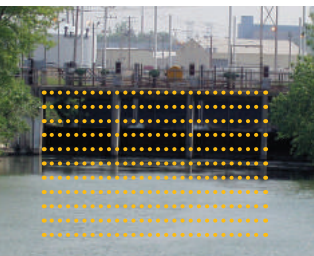
The **Marinet** is designed to protect entrances to ports and open water ways such as under docks, foundation of drilling and oil platforms and waterway inputs and outputs for power stations.

How it works

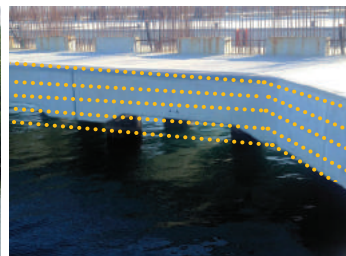
The **Marinet** is constructed from a single sensor cable in net form with 16 X 16cm (6.3" X 6.3") hole size, connected with special clips to lock the cable intersections and prevent any attempt disassemble or cut the clips or the net. For installation and maintenance purposes the net is composed of modular panels at the size of 5 X 5m (16.4' X 16.4') interoperable into complete barrier. The Marinet can be fitted to the required length, be deployed to a depth of 25 meter (82 feet) and up-water additional net can be installed up to 2m/6ft height connecting to the fixed object. The **Marinet** is designed to meet typical marine conditions includes, high wind, water streams, debris and range of temperature.



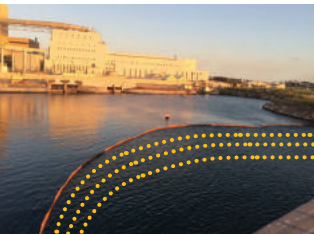
Applications:



Water Passages



Docks and Jetty



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In keeping with our policy of continuous development we reserve the right to alter these specifications without notice.