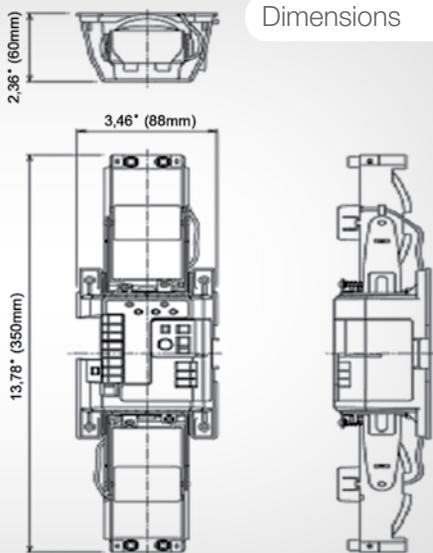




Optimum efficiency and reliability



Available to cover up to 200m, this infrared beam feature a unique Double Modulated Beam signal making them extremely resistant to both direct and reflected sunlight up to 50,000 lux.

Combined with our Programmed AGC (Auto Gain Control) circuit, the QBT provides fantastic reliability, ensuring maximum protection in all weather conditions.

Quad beam detector specifically designed to withstand the harsh marine environment.

## MAIN FEATURES

- Easy installation thanks to special beam bracket supports (PTKH & BEAG accessories)
- Up to 200m protection distance.  
4 selectable frequency channels to avoid overlapping.
- Anti-Fog & Programmed AGC function.
- Excellent immunity to sunlight & reflected light up to 50.000 Lux.

## QBT-200

### INFRARED BEAM

Quad photoelectric beam sensor.

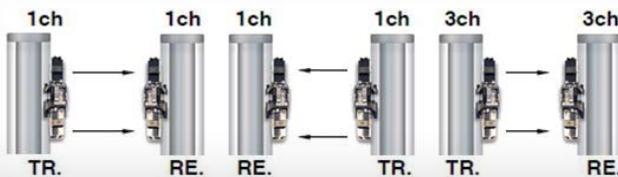
### NOTES

- Outdoor distance detection >200m.
- Four frequency selections.
- Programmed AGC function.
- Audible signal for alignment.

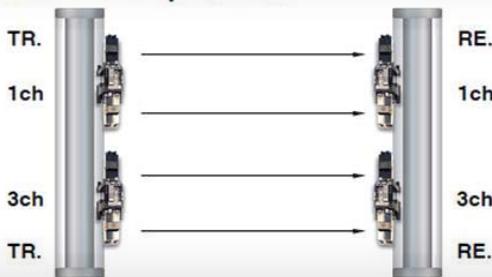
## SPECIFICATIONS

|                     |   |
|---------------------|---|
| Detection System    | Near infrared beam interruption system.<br>(TR-RE. 4 beams simultaneous interruption).  |
| Infrared Beam       | Double modulation pulsed beam by LED  |
| Protection Distance | 200 mts Ext or 400mts Int.  |
| Alarm Output        | Dry contact relay output 1c   |
| Response Time       | 50msec. A 700 msec  |
| Tamper Output       | Dry contact relay: 1b, N/C  |
| Alarm LED           | Red LED (receiver) lights when alarm is initiated   |
| Beam Adjustment C   | Horizontal: $\pm 90^\circ$ , Vertical: $\pm 10^\circ$   |
| Functions           | Modulated beam frequency selection, Tone indicator, Environmental module, Beam power selection, Alarm memory indication, Programmed AGC, Auto-gain lock function, Monitor jack. |

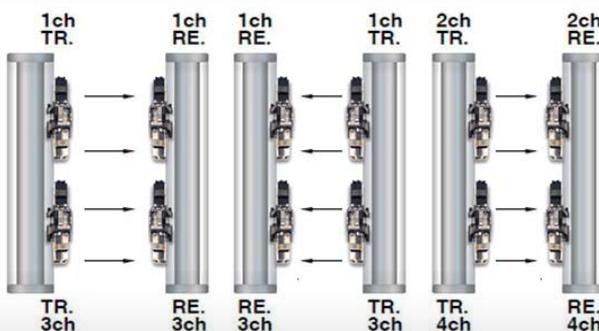
### 1 Linear protection



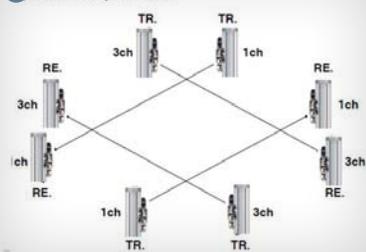
### 2 Double stack protection



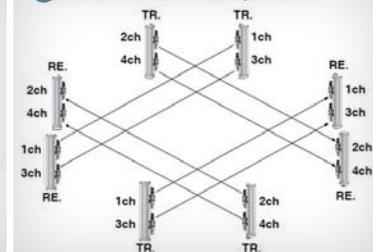
### 3 Double stacked linear protection



### 4 Perimeter protection

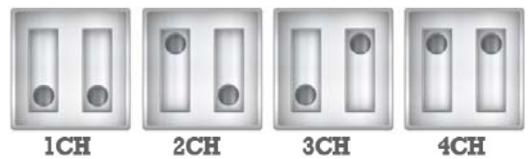


### 5 Perimeter double stacked protection



### Beam Frequency change:

The beams pairs may be set at various frequency levels to avoid crosstalk between units which are stacked, in line, or other configurations.



The towers must be mounted firmly and you have to verify the ground to avoid possible obstacles between the transmitter and the receiver. Also, the ground must be free of trees, shrubs or other things that might interfere with the beams operation.

