

# DS6 - Evo

All the best of the TV entertainment, in open seas.  
In every weather condition.

TVRO Evo-Series



Evolution Series

**ERAK**<sup>®</sup>

## DS6 - Evo

3-Axis Stabilized Maritime TVRO Antenna for Seamless TV Enjoyment with 60 cm Dish Diameter

### Easy installation

Simple 3-wire-coax cable connection between ODU and IDU.

### Multi Users Kit

Through connection of multi-user kits an unlimited number of TV places can be served.

### Diversity Kit Compatibility

No more blind spots by combining the free line of sight ranges of two antennas in one bundle. That will prevent nearly any loss of satellite signals through blockades.

### Sensor-based Satellite reacquisition

Instant relock feature after passing obstacles like bridges, buildings, trees etc.

### All your favourite channels

Up to 4 satellites can be stored and changed by the user at anytime, allowing you to watch all your favourite programs in your language.



Evolution Series

**EPAK**<sup>®</sup>

**DS6 - Evo** is the right choice for those who want a reliable and powerful television reception system on boat, keeping an eye on the dimensions of the antenna.

With its 60 cm diameter dish and the top-quality material it has been constructed with, the DS6 - Evo is able to offer to you a seamless signal reception and can face the toughest weather conditions you can find while sailing with your boat.

Its contained dimensions allow you to use the DS6 - Evo on almost every kind of vessel and the implementation of our Diversity Kit is the perfect solution for getting rid of all those bothering blind spots you could face when your boat passes under bridges, between high building and several other obstacles you can run into.

Storing up to 4 different satellites among which to choose the one you need, the DS6 - Evo is the maritime satellite system that brings on your boat all the tv entertainment that you were looking for: in your language and wherever you want.

### Benefits:

- **Evolution:** 2 Gyro techniques together for a perfect orientation
- Extended elevation range from  $-10^{\circ}$  to  $+90^{\circ}$
- Tracking speed up to 30°/s per axis
- Quattro LNB, for connecting as many receivers you want



## DS6 - Evo

3-Axis Stabilized Maritime TVRO Antenna for Seamless TV Enjoyment  
with 60 cm Dish Diameter



Evolution Series

### Dimensions & Weight

Radome (D x H) 73 x 81 cm (28.74" x 31.88")

Weight (incl. Radome) 37 kg (81.57 lbs)

### Shipping Dimensions

Box type wooden box

Without accessories 82 x 82 x 104 cm - 93 kg (32.28" x 32.28" x 40.94" - 204.6 lbs)

### Reflector & Feed Subsystem

Reflector diameter 60 cm (23.62")

Minimum E.I.R.P. 47 dBW

LNB Universal (LOF 9.75/10.6 GHz, linear/circular)

LNB type Quattro

### Drive Subsystem

Tracking sensor EPAK® Evo: Electronic Beamforming (EBF-Gyro) + 3D Gyro module

Maximum tracking speed up to 30° /s (each axis)

Azimuth movement unlimited

Elevation movement -10° to 90°

Skew movement Auto ± 120° from zero

Motion system 3-axes servo, synchronous belt gears

### Power Specification

Power supply 12-36 VDC

Power consumption 20-40 VA

### Miscellaneous

Lock on time typ. 10-20 sec.

Satellite acquisition Completely automated by SatFingerprint technology

Satellite positions Up to 4 freely programmable active positions / Preconfigured database

Satellite selection By control unit or by receiver (via DiSEqC™)

EPAK® Diversity-Kit compatible ✓

Operation temperature -20°C to 70°C

Storage temperature -30°C to 85°C

### Control Unit

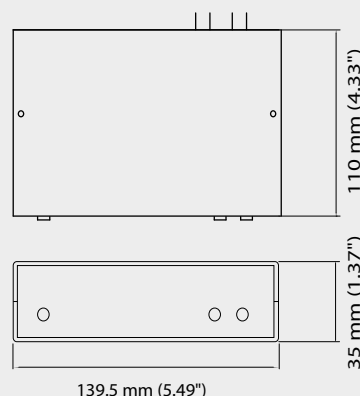
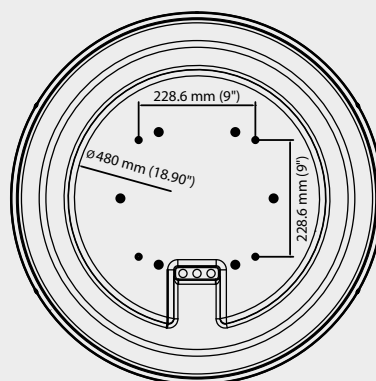
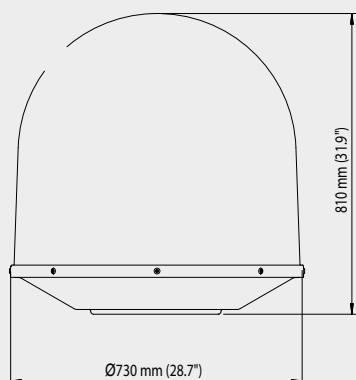
Power supply 12-20 VDC (powered by receiver)

Power consumption 100 mA

Operating temperature -20° to 70°C

Storage temperature -30° to 85°C

### Radome and Control Unit Dimensions



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