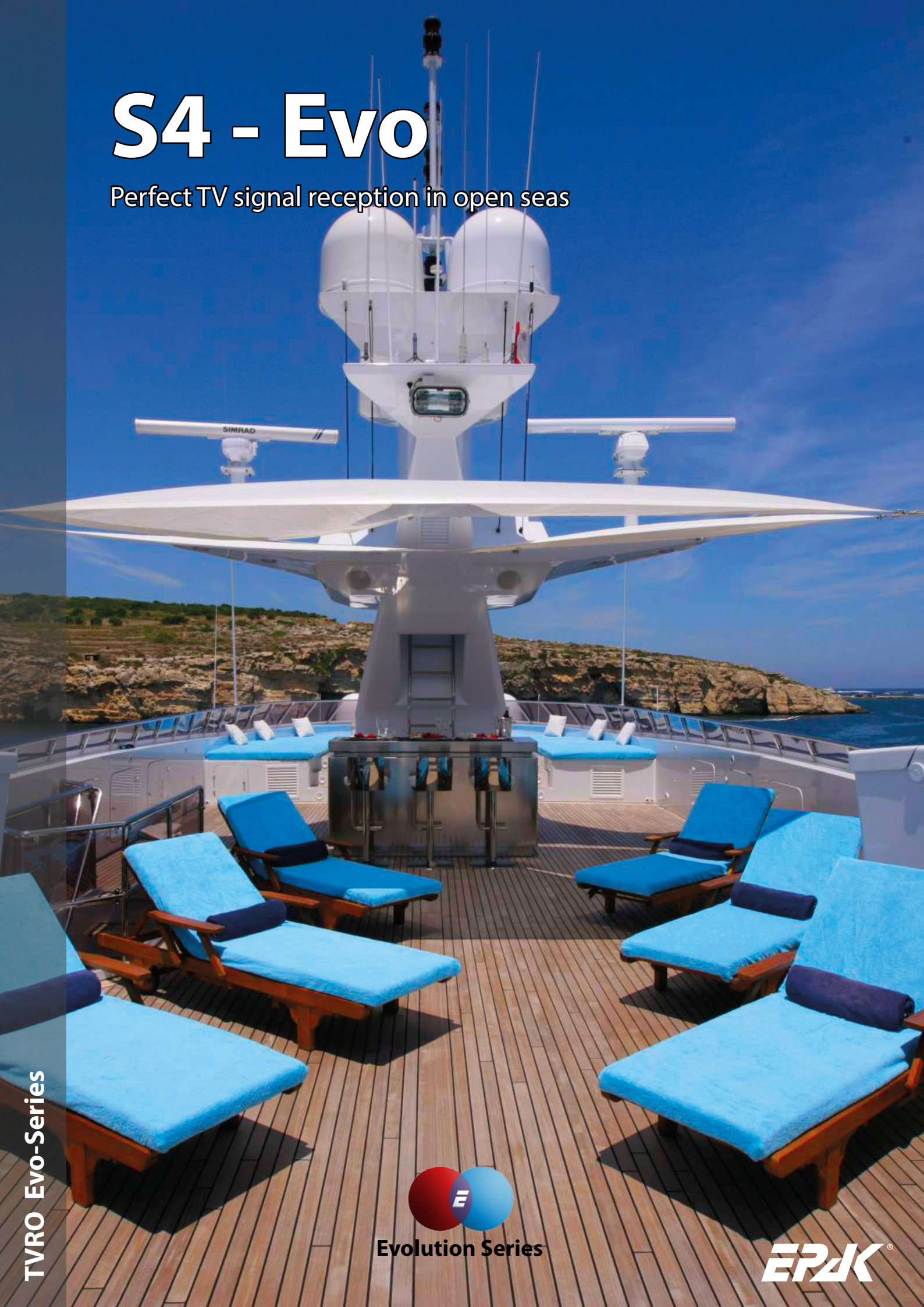


S4 - Evo

Perfect TV signal reception in open seas



TVRO Evo-Series



Evolution Series

EPK®

S4

2-Axis Stabilized Maritime TVRO Antenna for Seamless TV Enjoyment with 45 cm Dish Diameter

Easy installation

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

Small dimensions

Rugged and reliable, the antenna is indeed extremely light-weighted (only 12kg) and its very contained dimensions fit the needs of even the smallest boats.

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[®]

EPAK[®] S4 is the 45cm diameter dish antenna built keeping in mind the requirements of watching television while sailing in open seas.

This TVRO Antenna gives you the possibility to memorize up to 20 different TV satellite frequencies among which to choose, according to your current location and your desires, the 4 satellites to store. You can however easily change the stored satellites, whenever you want, and get access to many others TV channels.

Surprisingly light-weighted with its only 12 kg, the EPAK[®] maritime satellite antenna S4 can be easily installed on every type of boat, from the smallest to the biggest ones and it will guarantee to you a continuous and clear reception of the tv signal.

Benefits:

- **Evolution:** 2 Gyro techniques together for a perfect orientation
- Elevation range from 5° to 85°
- Tracking speed up to 40°/s per axis
- Twin availability
- Light-weight device



S4

2-Axis Stabilized Maritime TVRO Antenna for Seamless TV Enjoyment with 45 cm Dish Diameter



Evolution Series

Dimensions & Weight

Radome (D x H)	55 x 55 cm (21.67" x 21.67")
Weight (incl. Radome)	12 kg (26.46 lbs)

Shipping Dimensions

Box type	paper box
With accessories	58 x 58 x 71 cm - 17 kg (22.83" x 22.83" x 27.95" - 37.4 lbs)

Reflector & Feed Subsystem

Reflector diameter	45 cm (17.73")
Minimum E.I.R.P.	49 dBW
LNB	Universal (9.75/10.6 GHz, linear/circular)

Drive Subsystem

Tracking sensor	EPAK [®] Evo: Electronic Beamforming (EBF-Gyro) + 3D Gyro module
Maximum tracking speed	up to 40°/s (each axis)
Azimuth movement	unlimited
Elevation movement	5° to 85°
Skew movement	manual
Motion system	2-axes servo, synchronous belt gears

Power Specification

Power supply	12-36 VDC
Power consumption	20-40 VA

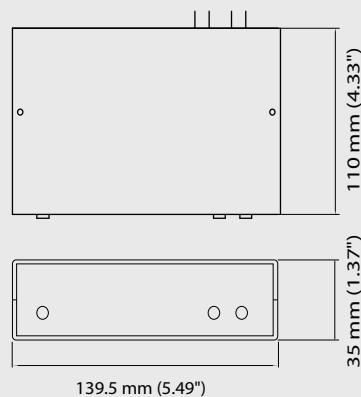
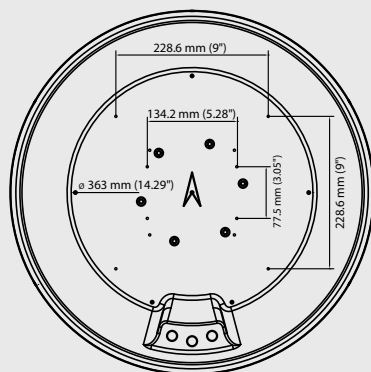
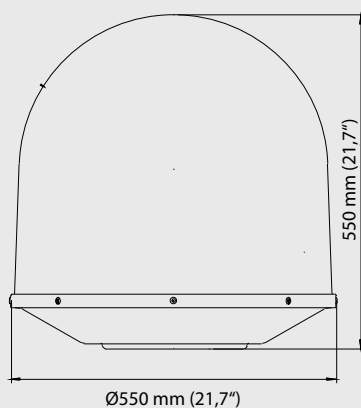
Miscellaneous

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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