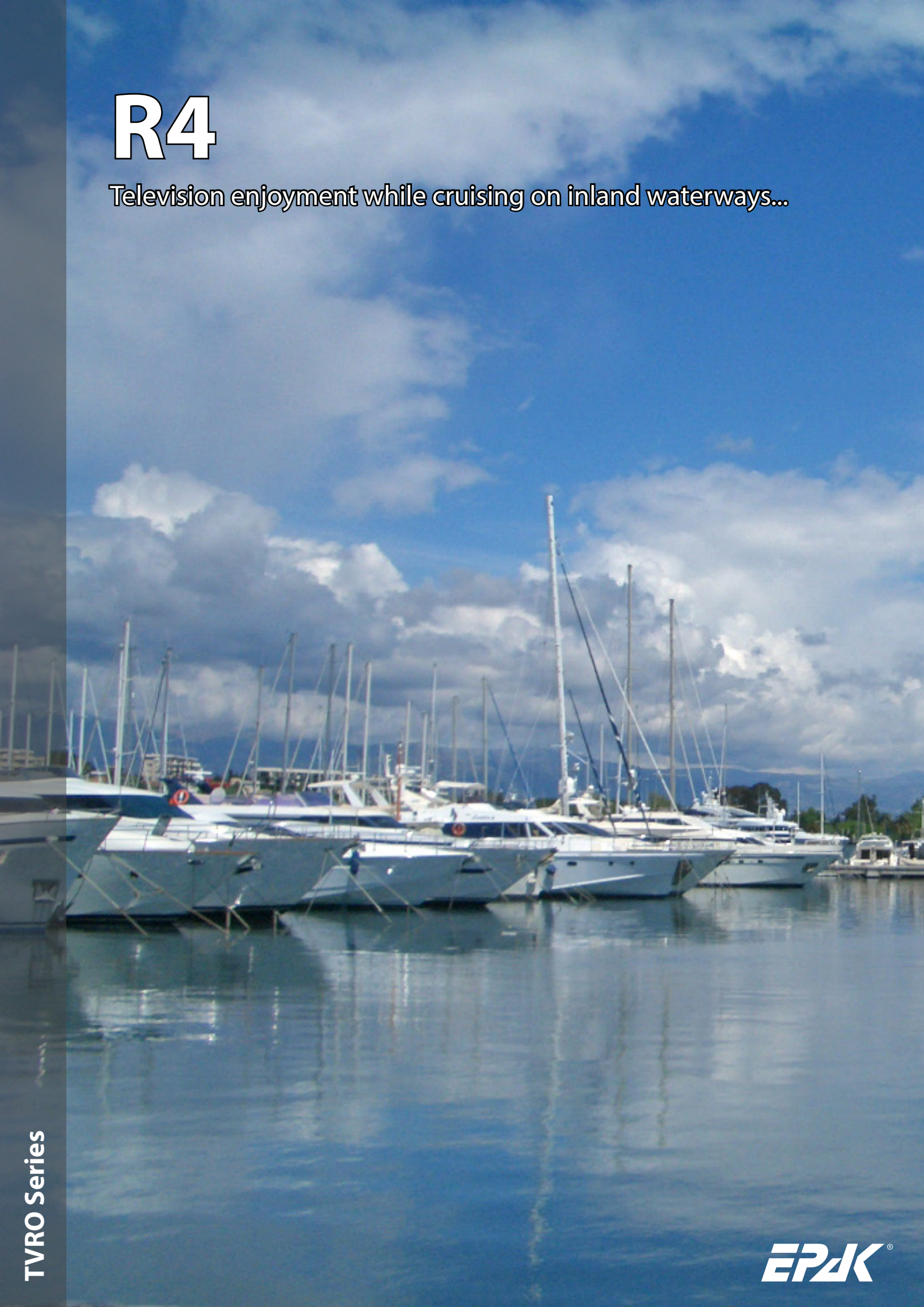


# R4

Television enjoyment while cruising on inland waterways...



## R4

### 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.

**EPAK® R4** is the TVRO antenna made for the ones who enjoy cruising in inland waterways and need on their boat a light-weighted, yet strong and reliable, antenna for television reception.

Made with the best materials and built fulfilling the German industry standards - that guarantee highest quality level - the R4 is a very cost efficient system with a perfect price-performance ratio.

Beside, the EPAK® R4 gives you also the possibility of using a Twin LNB, that provides two different outputs in order to feed two separate receivers for independent working, meeting the different requirements of tv enjoyment.

#### Benefits:

- Elevation range from 5° to 85°
- Tracking speed up to 12°/s per axis
- Highest pointing accuracy due to EPAK®'s patented EBF-Gyro
- Twin availability
- Light-weighted device





# TECHNICAL SPECIFICATION

## R4

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

#### Dimensions & Weight

Radome (D x H)	55 cm 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	Electronic Beamforming (EBF-Gyro) for tracking during present sat signal / Solid State Sensor for tracking during blocked sat signal
Maximum tracking speed	up to 12° /s (each axis)
Azimuth movement	unlimited
Elevation movement	5° to 85°
Skew movement	manual
Motion system	2-axis servo, synchronous belt gears

#### Power Specification

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

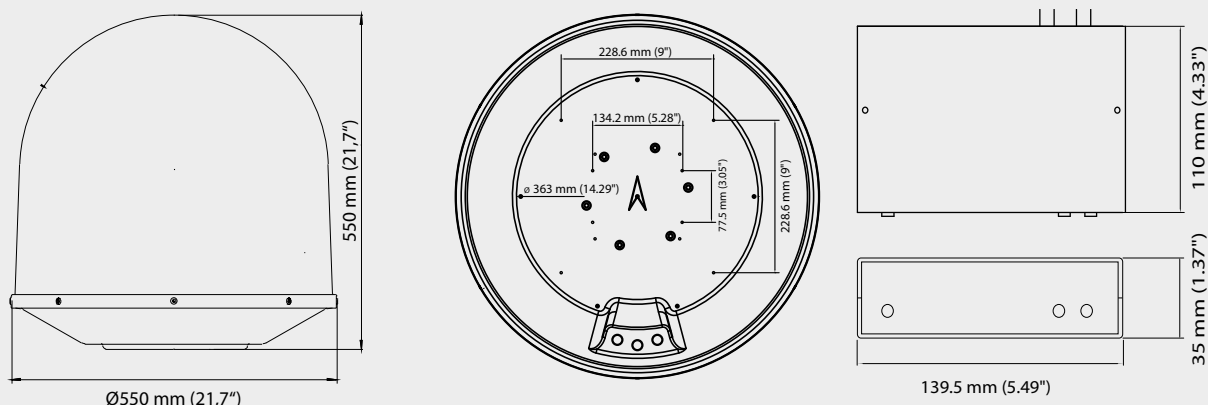
#### Miscellaneous

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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