

SAILOR® 60, 90, 120 SATELLITE TV

Stay tuned in at sea – with live satellite TV



SAILOR Satellite TV Antenna systems let your crew watch live TV transmissions on board from their favourite satellite service provider while they are out at sea.

With less people considering a career at sea, crew welfare has become a key, long-term focus of shipping companies. An important aspect of this is offering the ability to relax during downtime, which is why SAILOR Satellite TV has been designed to ensure that your crews' demand for television viewing needs can be easily and reliably met.

The SAILOR Satellite TV experience

SAILOR Satellite TV is purpose-built for professions at sea. So the first thing your crew will notice is that they do not have to stay in port to get great reception. They can watch sports, keep up with the news or just relax watching the latest entertainment. Crews work hard, often many hours around the clock. For a better life/work balance on board, they can experience the best reception with SAILOR Satellite TV.

Favorite TV channels on board

With a SAILOR Satellite TV system and a receiver from one of the world's leading satellite TV service providers you can get free-to-air or commercially available packages with multiple TV channels each.

Relentless reliability

SAILOR Satellite TV is a hard working antenna with serious Track-and-Lock capabilities that lock onto satellite signals even in rough pitch and roll or storm conditions. In tough conditions, SAILOR tracking technology ensures rapid signal re-acquisition. With the risk of signal loss minimised, your crew can count on excellent reception and greater signal stability.

Easy to install. Easy to operate

SAILOR Satellite TV has a user-friendly control that makes it easy to install and operate. For advanced maintenance or adjustments, the control unit can be plugged into a laptop with a SW client installed.

Outstanding Tracking

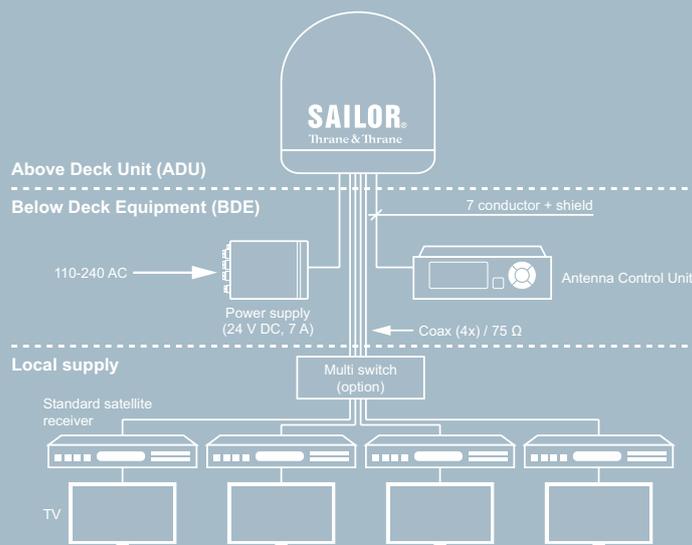
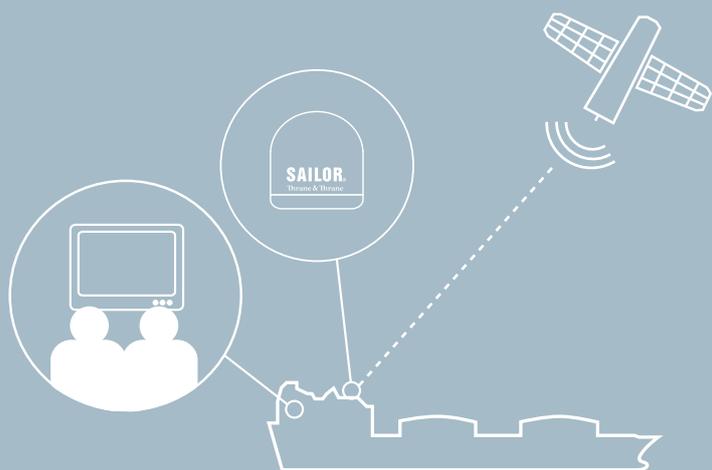
SAILOR Satellite TV offers outstanding tracking capability through the host of an advanced technology solutions, including:

- Track-and-Lock - dynamic skew control
- Multiple tracking methods
- Very fast satellite acquisition
- High satellite pointing accuracy
- Horizon satellite memory banks
- Automatic scanning and storage

SAILOR Satellite TV features a user-friendly control unit, making the system extremely easy to operate. For advanced maintenance you can connect the control unit to a laptop where a proprietary SW client can be installed for this purpose.

Three satellite systems are available

- SAILOR 60 Satellite TV: 60 cm dish antenna, ideal for smaller craft or coastal vessels
- SAILOR 90 Satellite TV: 90 cm dish antenna, designed for Off shore and commercial ocean-going vessels
- SAILOR 120 Satellite TV: 120 cm dish antenna, designed for commercial ocean-going vessels



Technical Specifications

	SAILOR 60 Satellite TV	SAILOR 90 Satellite TV	SAILOR 120 Satellite TV
Active antenna diameter	60 cm/24"	90 cm/36"	116 cm/46"
Radome diameter	685 mm/27"	1045 mm/41"	1430 mm/56"
Radome height	790 mm/31"	1175 mm/46"	1500 mm/59"
Weight incl. radome	40 kg/88 lbs.	60 kg/132 lbs.	90 kg/198 lbs.
LNB	Ku-band quattro	Ku-band quattro	Ku-band quattro
Min EIRP (FEC 2/3)	47 dBW	43 dBW	41 dBW
Azimuth range	630°	630°	630°
Elevation range	-10 to 120°	-8 to 120°	-15 to 80°
LNB skew range	±90°	±90°	±90°
Maximum useable elevation	70°	70°	65°

Ship's motion

Yaw/turn angular velocity	40°/s	40°/s	20°/s
Yaw/turn angular acceleration	25°/s ²	25°/s ²	15°/s ²
Roll/pitch angular velocity	40°/s	40°/s	20°/s
Roll/pitch angular acceleration	25°/s ²	25°/s ²	15°/s ²
Temperature range	-20 to 60°C	-20 to 60°C	-40 to 60°C
Humidity	0-100%	0-100%	0-100%
Wind speed	50 m/s	50 m/s	50 m/s
Voltage	24 V DC±10%	24 V DC±10%	24 V DC±10%
Current	3A	3A	3A
Starting current	6A	6A	6A

Subject to change without further notice.