

K Series

TVRO MARINE SATCOM



The small vessels such as private yachts or fishing boats need a compact and budgetary solution, K-series, 2-axis TV antenna, will be an ideal solution which satisfies these requirements, providing with a variety of TV channels in a waterfront or calm environment.

User-Friendly TVRO

Enjoy or work on the internet with user-friendly applications. KNS web-interface allows you to operate the antenna more easily just with some clicks in your phone, PC, or Tablets with Wi-Fi. You can immediately and simply update the firmware, check the current status in real time, and be daily reported the log history.

New Stronger Structure

The structure of KNS K-series was re-designed to endure the external shock and avoid the cable trapping. With new structure and mechanical upgrade, K-series is much more durable in the sea condition.

Gyro Free Supporting

Most of small boats or yachts in a waterfront do not have a gyro compass, which might cause a difficulty of the exact satellite tracking. KNS K-series has a gyro-free mode that enables the smooth TV programs even in case of gyro failure or on non-gyro vessel. Free from this concern, increase your level of enjoy.



K7



Lower Loss, Higher Durable Radome



Attitude Heading Reference System (AHRS) using IMU Sensor 3 axis gyro scope & 2 axis acceleration



Compact size



2-Year Parts Warranty



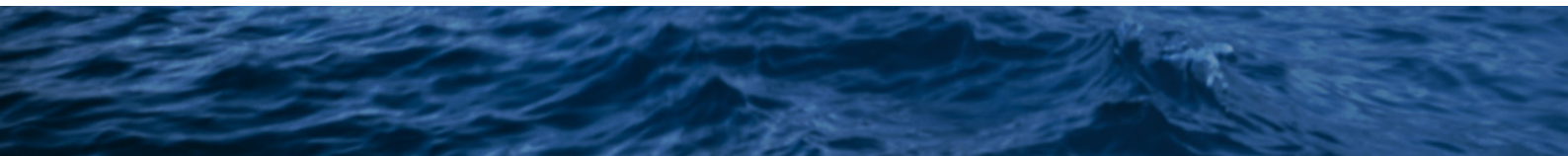
Gyro Free Mode Support



Remote Software Upgrade

BELOW DECK

KA-90K Antenna Control unit



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Ku-BAND	K5	K7
Dish Diameter	45cm	61cm
Antenna Dimension	51cm(D) x 53cm(H)	67cm(D) x 69cm(H)
Antenna Weight	11.5kg	20.6kg
Frequency	10.70 ~12.75 GHz	10.70 ~12.75 GHz
Minimum EIRP	48dBW	46dBW
Skew Control	Automatic	Automatic
Elevation Angle	-10° to +85°	+15° to +115°(Hardware) / +15° to +75°(Software)
Azimuth Range	690°	690°
Ship Motion	Roll: ±25° at 8-12 sec periods Pitch: ±15° at 6-12 sec periods Yaw: ± 8° at 15-20 sec periods	Roll : ± 20° at 8-12 sec periods Pitch: ± 10° at 6-12 sec periods Yaw : ± 8° at 15-20 sec periods
Antenna Input Power	24V DC, 2.5A	24V DC, 2.5A
Temperature	-20°C to + 55°C	-20°C to + 55°C
Humidity	Up to 100% @ 40°C	Up to 100% @ 40°C
Certification / Qualification	EN60945	EN60945

* Specificatiois subject to change without notice