

v60E

Affordable high-performance maritime VSAT antenna



Delivering higher levels of performance in the 65cm class with an in-house designed reflector, v60E is a powerful and efficient antenna that is especially suitable for the harsh maritime environment. Its simplified design allows for easy installation at significantly reduced pricing. As a lightweight and stabilised VSAT maritime antenna system, v60E delivers enhanced tracking precision, enables entry into new market sectors, and increases the competitive edge of customers with a lower budget. With a single cable connection and an integrated antenna management system, v60E also reduces freight and deployment costs for leisure boats, fishing boats, and offshore vessels.

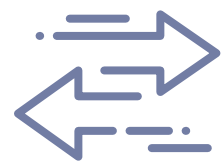
FEATURES



Compact and lightweight terminal



Single cable solution



Advanced RF design and technology



Integrated antenna management platform



Intelsat Flex Certified



Simple installation

SPECIFICATIONS

ABOVE DECK UNIT (ADU)

WEIGHT:

42 kg

DIMENSIONS:

Radome: 93 cm (height); 86 cm (diameter)

Reflector: 65 cm (diameter)

ELEVATION RANGE:

-20° to 115°

TX FREQUENCY:

13.75 ~14.5 GHz Ku-Band

TX GAIN:

37.9 dBi @ 14.25 GHz (excl. radome)

RX FREQUENCY:

10.7 ~ 12.75 GHz Ku-Band

RX GAIN:

36.5 dBi @ 11.7GHz (excl. radome)

G/T:

> 15.4 dB/K @ 12.75 GHz (Clear Sky, 30° Elevation)

BUC POWER:

6 W

SINGLE 50 OHM COAX CABLE:

for Rx, Tx, FSK, Reference and Power from ACU to ADU

ANTENNA CONTROL UNIT (ACU)

WEIGHT:

5.2 kg

DIMENSIONS:

43.1 x 35 x 4.4 cm

POWER:

100 ~240 VAC, 50~60Hz, 3A

MODEM INTERFACE:

Ethernet Port / RS-232C, -422C / I/O Console

MANAGEMENT PORT

LAN PORT

REMOTE MANAGEMENT

GYROCOMPASS INTERFACE:

NMEA0183

USE CASES

LEISURE BOATS

Deliver reliable and high-quality connectivity to leisure boats at a low cost with Intellian's streamlined antenna. Benefit from a best-in-class stabilised VSAT system.

FISHING

Access cost-effective connectivity onboard fishing vessels with modularised components that reduce the total cost of ownership. Enable excellent satellite tracking performance with a robust antenna.

ENERGY & OFFSHORE VESSELS

Bring onboard a high-performance satellite communications link for offshore support vessels. Automate simple operations over a pre-configured AptusNX dashboard.

