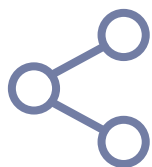


INTELLIAN OW11FM

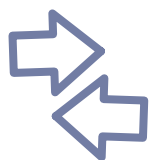
Gateway for Eutelsat OneWeb connectivity at sea

Delivering low-latency high-speed LEO connectivity for critical communications at sea, OW11FM enables vessels with innovative flat panel technology for smooth and uninterrupted operations – crew welfare, safety, route planning, entertainment, and more. Based on active electronically scanned arrays (ESA), OW11FM offers guaranteed performance even over scan and at the lowest elevation angles. This state-of-the-art terminal features Intellian's advanced tracking technology and delivers the maximum throughput allowed on the Eutelsat OneWeb network – allowing vessels to enjoy bandwidth up to 195 Mbps and latency as low as 70 ms. It is designed to operate in the most demanding environments and ensures reliable connectivity in motion.

FEATURES



Seamless
connectivity



Low latency



High-speeds



Reliability in harsh
environments



Customer Network
Exchange (CNX)



Simple
installation

SPECIFICATIONS

ABOVE DECK UNIT

WEIGHT

18 kg

DIMENSIONS

96 x 50 x 12 cm

OPERATING TEMPERATURE(°C)

-40°C to +55°C

G/T

10.7 dB/k

EIRP

+ 36.6 dBW (dual carrier)

INGRESS

IP66

INTERFACE

F-Type connector

BELOW DECK UNITS

WEIGHT

CNX-WiFi: 0.6 kg

CNX-Rack-AC: 6.3 kg

DIMENSIONS

CNX-WiFi: 21 x 17 x 8 cm

CNX-Rack-AC: 44.2 x 25 x 4.4 cm

OPERATING TEMPERATURE(°C)

CNX-WiFi: 0°C to +40°C

CNX-Rack-AC: -15°C to +55°C

INGRESS

CNX-WiFi: IP44

CNX-Rack-AC: IP31

INTERFACE

CNX-WiFi: WiFi-6; 4-port GigE RJ45

CNX-Rack-AC: 8-port GigE RJ45; NMEA 0183

PSA

CNX-WiFi: External AC Power Supply

CNX-Rack-AC: Embedded Dual 450W; Power Modules

USE CASES

SHIPPING

Empower vessels with reliable high-speed network access over innovative flat panel technology no matter where it sets sail. Support a wide range of critical operations over OneWeb: fleet management, training, telemedicine, video surveillance, and more. In addition, offer a comprehensive crew welfare programme for onboard teams with the IEC Telecom voucher management system.

COMMERCIAL FISHING

Leverage data for optimal fleet performance with advanced tracking, geofencing, and fish catch reporting. Conduct videoconference calls and carry out remote maintenance while vessels continue to follow their course. Pave the way to more sustainable fishing with Eutelsat OneWeb.

FERRIES & CRUISES

Unlock a new level of entertainment for onboard guests. With bandwidth up to 195 Mbps and latency as low as 70 ms, offer a whole spectrum of digital experiences onboard: social media and video calls to movie streaming and online gaming.

