

Intellian OW11FL/ OW11FV Terminals

Available with Intelsat LEO Services



The **Intellian OW11FL and OW11FV flat panel terminals** offer high-performance connectivity for land mobile and fixed-site applications in a sleek, reliable design. Equipped with Intellian's advanced electronically steered array (ESA) antenna and tracking technology, they deliver seamless, high-speed, low-latency connectivity on Intelsat's low-Earth orbit (LEO) solutions, powered by the Eutelsat OneWeb LEO constellation.

OW11FV: Designed for vehicles, enabling communications-on-the-move (COTM) with Intelsat's FlexMove LEO service, ensuring connectivity in remote areas or on the go.

OW11FL: Ideal for temporary communications-on-the-pause (COTP) or long-term fixed-site use. It supports rapid deployment via FlexMove LEO COTP or serves as primary/backup connectivity with FlexEnterprise LEO for businesses, communities, and governments.

These versatile terminals meet the demanding needs of enterprises, broadband providers, and government organizations worldwide.



First Responders
and Public Safety



Humanitarian Aid
and Disaster Response



Field Operations



Broadcast Services



Journalism and
Adventure Travel



Smart Agriculture



Construction and Mining



Intellian OW11FL/FV Full-duplex Terminals for Land Mobile and Fixed Site

- Lightweight and versatile form for easy installation on land or vehicles
- Providing high G/T and EIRP to maintain seamless, consistent high throughput
- Optimized for highly accurate beam pointing on the Eutelsat OneWeb LEO network
- Throughput speeds up to 150/30 Mbps
- Easily activated and managed with Intellian mobile app



SPECIFICATIONS

OW11FL - COTP and Fixed

SIZE

97 x 50 x 13 cm (38.2" x 19.7" x 5.1")

Plus CNX

WEIGHT

20.5 kg (45.1 lb)

OW11FV - COTM

SIZE

97 x 50 x 13 cm (38.2" x 19.1" x 5.1")

Plus CNX

WEIGHT

20.5 kg (45.1 lbs)

Plus CNX

OW11FL and OW11FV

OPERATING TEMPERATURE:

-40 °C to +55 °C (-40 °F to +131 °F)

POWER

300W (typical), 340W (peak) consumption

AC/DC power supply on CNX-WiFi and CNX-BB

Both AC and DC power supply on CNX-Mobility

CNX INTERFACES

CNX-WiFi: WiFi 6, 4-port GigE RJ45, F-type port

CNX-BB: 1 GiGE port, F-type port

CNX-Mobility: WiFi-6, 4-port GigE RJ45, F-type

CNX-Rack: 8-port GigE RJ45, F-type port, WiFi dongle

INGRESS PROTECTION

Terminals are IP66

CNX-WIFI is IP44

CNX-BB is not rated

CNX-Mobility is IP56

MOUNTS

Optional vehicle rack mount

Optional DC/DC power kit

Optional non-pen. roof mount

G/T

10.7 dB/K. EIRP +36.6 dBW (dual carrier)

CERTIFICATIONS

FCC, UL, CE, EN/IEC, RCM, ICASA, NRCS, TELEC, ENACOM, CITC, ANATEL, REACH, WEEE, RoHS, RED

Pending: NOM, IFT, SUBTEL, BSMI, RPC, WPC, MTCTE, NTA, NTC, VNTA, NBTC



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