

OW11FL

Enterprise Flat Panel for Land





- ENTERPRISE
- COMMUNITY BROADBAND
- CELLULAR BACKHAUL
- GOVERNMENT

The OW11FL is designed to deliver high reliability and performance to enterprise customers.

The OW11FL is designed to ensure SLA and CIR commitments are achieved, making it the ideal solution for enterprise, community broadband, and government applications.

Intellian's Flat Panel Series consists of a portfolio of Enterprise and Compact user terminals, based on active electronically scanned arrays (AESA) for Land Fixed Enterprise, Maritime and Land Mobility customers.

Optimized Performance

Utilizing Intellian's innovative antenna design, the OW11FL delivers the maximum throughput allowed on the OneWeb network. Offering the highest link margin, performance is guaranteed even over scan and at the lowest elevation angles, meeting the highest demands of land mobile customers.

Customer Network Exchange

Intellian's Customer Network Exchange (CNX) units are a critical component of the user terminal installation, providing both the power and data connectivity to the Flat Panel and the connectivity to customer equipment and networks. A range of CNX variants are offered for specific land deployment scenarios.

Seamless Connectivity

The OW11FL features Intellian's advanced tracking technology, facilitating continuous, reliable handovers even at the lowest elevation angles encountered in equatorial regions. Delivering the best performance at scan, the innovative flat panel technology facilitates seamless and undisrupted connectivity.

Harsh Environment Performance

The OW11FL is designed to ensure dependable performance in even the most demanding environments, operating in extremely low temperatures down to -40 °C and up to +55 °C (-40 °F to +131 °F), delivering reliable broadband services for customers situated in the most remote locations.

Simplified Installation



The lightweight design and optimal form factor enables easy installation by a single person. Designed for use with standard off-the-shelf mounting solutions, the OW11FL can be deployed in a variety of locations to suit the application and environment. Installation is further simplified through use of combined power and data over a single coax cable connecting the indoor and outdoor units. The use of Intellian's mobile app for site survey, automated configuration, and monitoring further reduces the time required to get online.



OW11FL Technical Specifications



Outdoor Unit

G/T 10.7 dB/k
EIRP +36.6 dBW
(Dual Carrier)

(Dual Carrier)

Dimensions 97 x 50 x 13 cm

(38.2" x 19.7" x 5.1")

Weight 20.5 kg

(45.1 lb)

Operating Temp -40 °C to +55 °C

(-40 °F to +131 °F)

Ingress IP66

Interface F-Type port

SMA Port (R-GNSS)

Downlink Throughput *195 Mbps

*Consult Eutelsat OneWeb for available

*32 Mbps
*Consult Eutels
Service Plans

Indoor Units



CNX-WIFI

Dimensions 21 cm x 17 cm x 8 cm (8.2" x 6.7" x 3.1")

Weight 0.6 kg (1.3 lb)

Operating Temp $0 \,^{\circ}\text{C}$ to +40 $^{\circ}\text{C}$ (+32 $^{\circ}\text{F}$ to +104 $^{\circ}\text{F}$)

Ingress IP44

Interface WiFi-6

4-port GigE RJ45 F-Type Port

PSA External AC Power Supply

Con Control

CNX-RACK

44.2 cm x 25 cm x 4.4 cm (19" x 1 RU chassis)

6.3 kg (13.9 lb)

-25 °C to +55 °C (-13 °F to +131 °F)

IP31

8-port GigE RJ45 WiFi dongle F-Type Port

Embedded 450W Dual Power Modules (AC and DC options)

Installation

Uplink Throughput

The OW11FL ships with an adjustable mount adapter, enabling easy installation with any 60mm pole mount. Quadpod, Non-Penetrating and Trimast mounts are also available.

Adjustable Mount Adapter

Mount Options 60mm Pole Mounts

Dimensions 13 x 13 x 15 cm

(5.1" x 5.1" x 1.9")

Weight 1.5kg (3 lb)

System Diagram



*All specs subject to change.