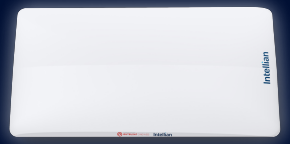


OW11FL

Enterprise Flat Panel for Land



eutelsat ONEWEB
eutelsat GROUP

- 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, ensuring are met the highest demands of enterprise customers.

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.

Extreme Temperature 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 sleek 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.

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. CNX variants are offered for specific deployment scenarios including Land Fixed, Maritime, and Land Mobility.



OW11FL Technical Specifications

An Intellian mobile application is available for installation, troubleshooting and monitoring.

Outdoor Unit

G/T	10.7 dB/k
EIRP	+36.6 dBW (Dual Carrier)
Dimensions	96 x 50 x 12 cm (37.8” x 19.7” x 4.7”)
Weight	19.3 kg (42.5 lb)
Operating Temp	-40 °C to +55 °C (-40 °F to +131 °F)
Ingress	IP66
Interface	F-Type connector

Indoor Units

	CNX-WIFI	CNX-RACK
Dimensions	21 cm x 17 cm x 8 cm (8.2” x 6.7” x 3.1”)	44.2 cm x 25 cm x 4.4 cm (19” x 1 RU chassis)
Weight	0.6 kg (1.3 lb)	6.3 kg (13.9 lb)
Operating Temp	0 °C to +40 °C (+32 °F to +104 °F)	-25 °C to +55 °C (-13 °F to +131 °F)
Ingress	IP44	IP31
Data Interface	WiFi-6 4-port GigE RJ45	8-port GigE RJ45 NMEA0183 / NMEA2000
PSA	External AC Power Supply	Embedded Dual 450W Power Modules (AC and DC options)

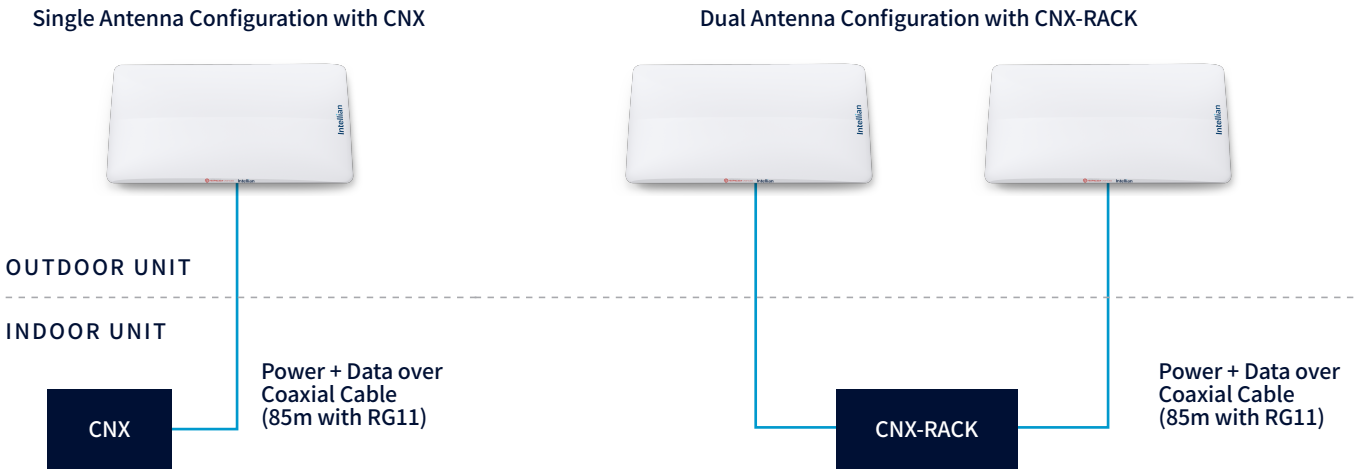
Installation

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.

Mount Adapter

	Adjustable
Intellian Pt.#	OW-6017
Mount Options	60mm Pole Mounts
Dimensions	13 x 13 x 15 cm
Weight	1.5kg (3 lb)

System Diagram



*All specs subject to change.

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