



INTELLIAN OW70L



**LOW LATENCY,
HIGH SPEED**



**EASILY
DEPLOYABLE
SYSTEM**



**LOW
TEMPERATURE
PERFORMANCE**



**HIGH
PERFORMANCE**

The OW70L is a land-based user terminal for Eutelsat OneWeb's Low Earth Orbit (LEO) satellite constellation. It consists of dual 3 axis stabilized pedestals with 73 cm parabolic antennas providing 12.2 dB/K G/T performance. By allowing seamless and uninterrupted connectivity for LEO handovers, this user terminal gives customers in remote and challenging environments access to a cost effective and enhanced user experience otherwise inaccessible to them. .



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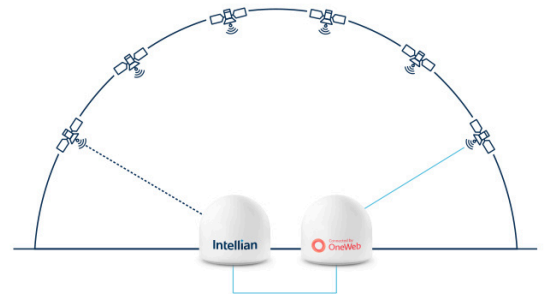
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LEO satellite scan and tracking algorithm

The Intellian OW70L provides seamless, uninterrupted connectivity through a primary-secondary dual dome solution for consistent connection with LEO satellite handovers. The proven tracking performance can be achieved by precise technology which makes the secondary antenna track a rising satellite before the primary antenna loses a falling satellite.



12.2 dB/K antennas with 3 axis stabilization

- 3 axis stabilization allows easy tracking of LEO satellites
- A responsive cross-level beam helps to point the antenna in the right direction even when the elevation angle approaches ± 90 degrees
- 'Keyhole problem' avoidance design is implemented in the OW70L which in turn enables the antenna to continue tracking normally even when the satellite is directly overhead



RADOME DIMENSION 84.5 CM X 77 CM (33.3 X 30.3 INCHES)	ANTENNA WEIGHT (SECONDARY ANTENNA) 32 KG (70.5 LBS) 32.5 KG (71.7 LBS) WITH HEATING MODULE
REFLECTOR DIAMETER 73 CM (28.7 INCHES)	TX FREQUENCY 14 GHZ ~ 14.5 GHZ
ANTENNA WEIGHT (PRIMARY ANTENNA) 33 KG (72.8 LBS) 33.6 KG (74.1 LBS) WITH HEATING MODULE	RX FREQUENCY 10.7 GHZ ~ 12.7 GHZ

Talk to our team of experts today



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