

Intellian OW10HL/HV Compact Terminals for Connectivity on Land

Available with Intelsat FlexMove LEO



The Intellian OW10HL and OW10HV terminals deliver powerful performance in a convenient, compact form, with size and weight ideal for a variety of environments and applications. They each offer a flat panel, Active Electronically Steered Array (AESA) antenna utilizing Intellian's advanced tracking technology to facilitate quick and continuous connection, even at low elevation angles. The terminals are weatherized to withstand dust, rain and a wide range of temperatures, and consume little power to operate. The OW10HL and OW10HV terminals operate at high speeds with low latency over Intelsat's FlexMove LEO services carried over the Eutelsat OneWeb's Low Earth Orbit (LEO) network.

- The OW10HV model is designed to be mounted on vehicle roof racks, enabling communications-on-the-move (COTM). Combined with the CNX-BB unit, it provides 1 GigE RJ45 port and multiple power adapter options to cover our AC-DC power supply adapter, and DC-DC converter.
- The OW10HL is designed for communications-on-the-pause (COTP) on land and can be used with either a trimast or quadpod mount. When combined with the small-scale CNX-WiFi unit, it provides WiFi 6, 4 GigE RJ45 ports and power connectors in a lightweight portable package to cover our AC-DC power supply adapter, and DC-DC converter.



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Smart Agriculture



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Intellian





Intellian OW10HL/HV Compact AESA Terminals for Land Mobile Applications

- Easy to use and connect to satellite
- Lightweight and compact to increase portability
- Wi-Fi 6 capabilities can connect 8 user devices up to 45 meters away
- Throughput speeds up to 50 Mbps/10 Mbps

SPECIFICATIONS

OW10HL – COTP Model

SIZE

56 x 45 x 12 cm / 22 x 17.8 x 4.7" plus
CNX-WiFi at 21 x 17 x 8 cm / 8.2 x 6.7 x 3.1"

WEIGHT

Terminal 12.2 kg/26.9 lbs plus
adjustable mount adapter 1.5kg/3 lb
plus CNX-WiFi 0.6 kg/1.3 lbs

OW10HV – COTM Model

SIZE

56 x 45 x 12 cm / 22 x 17.8 x 4.7" plus
CNX-BB at 13 x 12 x 4 cm / 5 x 4.7 x 1.6"

WEIGHT

Terminal 12.2 kg/ 26.9 lbs plus
CNX-BB .25 kg/.55 lb

OW10HL and OW10HV

OPERATING TEMPERATURE:

-40° to +55°C / -40° to 131°F for
terminals, CNX units at 0° to 40°C /
32-104°F

POWER SOURCES

AC/DC Power Supply Adapter, or
DC-DC Converter provided on CNX unit

POWER CONSUMPTION

165W (typical), 180W (peak)

INTERFACES

WiFi 6, 4 GbE RJ45 ports on CNX-WiFi
and 1 GbE RJ45 port on CNX-BB

INGRESS PROTECTION

Terminals are IP66. CNX units are
not weatherized. CNX-WIFI is IP44 rated

G/T

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

CERTIFICATIONS

FCC, CE, REACH, WEEE, RoHS, RED



To learn more about IntelSat FlexMove, visit intelsat.com/land-mobility or contact your local sales representative.

Africa

+27 11-535-4700
sales.africa@intelsat.com

Asia-Pacific

+65 6572-5450
sales.asiapacific@intelsat.com

Europe

+44 20-3036-6700
sales.europe@intelsat.com

Latin America & Caribbean

+1 305-445-5536
sales.lac@intelsat.com

Middle East & North Africa

+971 4-390-1515
sales.mena@intelsat.com

North America

+1 703-559-6800
sales.na@intelsat.com