Intellian OW10HL/HV Compact Terminals
for Connectivity on Land
Available with Intelsat Flex LEO Services

The Intellian OW10HL and OW10HV terminals deliver powerful performance in a convenient, compact form, with size and weight ideal for a variety of land mobile and fixed-site applications. Equipped with Intellian's advanced active electronically steered array (AESA) antenna and tracking technology, these terminals facilitate quick and continuous connection, even at low elevation angles. The terminals are weatherized to withstand dust, rain, a wide range of temperatures, and consume little power to operate. They deliver seamless, high-speed, low-latency connectivity with Intelsat's Flex LEO services, utilizing the Eutelsat OneWeb low-Earth orbit (LEO) network.

OW10HV: Designed for vehicle install, enabling Communications-on-the-Move (COTM) with Intelsat's FlexMove LEO services.

OW10HL: Ideal for Communications-on-the-Pause (COTP) via FlexMove LEO or for long-term fixed site use with FlexEnterprise LEO.

These models offer your choice of CNX units for varying needs.

- The small-scale (13x12cm) CNX-BB unit provides 1 GigE RJ45, 1 F-type port and AC/DC power adapter, without Wi-Fi.
- The CNX-Wi-Fi provides Wi-Fi 6, 4-port GigE RJ45, F-type port and choice of AC or DC power adapter in a lightweight slim form.
- The CNX-Mobility is a ruggedized rack-form unit, certified IP56 for outdoor use, providing Wi-Fi, 4-port GigE RJ45, F-type port and choice of AC or DC power adapter.

First Responders and Public Safety

Humanitarian Aid and Disaster Response

Smart Farming

Construction and Mining

Remote News and Broadcasting

Non-governmental and International Governmental Organizations

Energy and Utilities

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CONNECTED BY
EUTELSAT ONEWEB

Intellian OW10HL/HV Compact AESA Terminals for Land Mobility and Fixed Sites

- 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 and Fixed Sites

SIZE
56 x 45 x 12 cm / 22 x 17.8 x 4.7" plus
CNX-Wi-Fi 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-Wi-Fi 0.6 kg/1.3 lbs

OW10HV – COTM

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-Wi-Fi
and 1 GbE RJ45 port on CNX-BB

INGRESS PROTECTION
Terminals are IP66. CNX-Mobility is IP56.
CNX-Wi-Fi is IP44

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

CERTIFICATIONS
FCC, CE, EN/IEC, RED, REACH, ROHS,
ICASA, MTCTE, RCM, ANATEL (pending)

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To learn more about Intelsat Flex LEO services, visit intelsat..com 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