

# INTELLIAN OW10HL

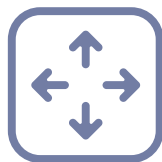
## GATEWAY FOR EUTELSAT ONEWEB CONNECTIVITY IN REMOTE AREAS

Optimised for size, weight and power (SWaP), enabling comms-on-the-pause (COTP), OW10HL delivers unprecedented throughput over a compact flat panel terminal – ensuring seamless connectivity even in the most demanding and remote environments. Based on active electronically scanned arrays (ESA), OW10HL offers guaranteed performance at the lowest elevation angles. This state-of-the-art terminal features Intellian's advanced tracking technology and delivers the maximum throughput allowed on the OneWeb LEO network – allowing enterprise users to enjoy speeds up to 50 Mbps. It is designed to operate in temperatures as low as -40°C (and up to +55°C) and ensures reliable connectivity with minimal loss over scan. OW10HL can be easily installed by a single person to deliver quick connectivity for small enterprises, business continuity, cellular backhaul, and government services.

### FEATURES



Seamless  
connectivity



Compact  
antenna



Optimised  
performance



Reliability  
in remote areas



Customer Network  
Exchange (CNX)



Simple  
installation



# SPECIFICATIONS

## OUTDOOR UNIT

### WEIGHT

12.2 kg

### DIMENSIONS

56 x 45 x 12 cm

### OPERATING TEMPERATURE(°C)

-40°C to +55°C

### G/T

9 dB/k

### EIRP

+ 36.6 dBW (dual carrier)

### INGRESS

IP66

### INTERFACE

F-Type connector; SMA connector (R-GNSS)

## INDOOR UNITS

### WEIGHT

CNX-BB: 0.25 kg

CNX-WiFi: 0.6 kg

CNX-Rack: 6.3 kg

### DIMENSIONS

CNX-BB: 13 x 12 x 4 cm

CNX-WiFi: 21 x 17 x 8 cm

CNX-Rack: 44.2 x 25 x 4.4 cm

### OPERATING TEMPERATURE(°C)

CNX-BB: 0°C to +40°C

CNX-WiFi: 0°C to +40°C

CNX-Rack: -25°C to +55°C

## INGRESS

CNX-WiFi: IP44

CNX-Rack: IP31

## INTERFACE

CNX-BB: 1-port GigE RJ45

CNX-WiFi: WiFi-6; 4-port GigE RJ45

CNX-Rack: 8-port GigE RJ45; NMEA 0183

## PSA

CNX-BB: External AC Power Supply

CNX-WiFi: External AC Power Supply

CNX-Rack: Embedded Dual 450W; Power Modules (AC and DC options)

# USE CASES

## GOVERNMENT

By supporting secure and high-speed data transmission, OW10HL allows public service providers to implement digital solutions, such as telemedicine platforms, virtual classrooms, and e-governance systems, bridging the digital divide and enhancing service accessibility.

## BUSINESS CONTINUITY

Empower remote enterprises with reliable high-speed network access over innovative flat panel technology no matter where you operate. Support a wide range of critical operations over OneWeb: remote management, training, video surveillance, and more. In addition, offer a comprehensive welfare programme for remote teams with the IEC Telecom voucher management system.

## ENERGY

Access advanced Intellian satellite tracking technology and extended scan range so that remote teams can stay connected to Eutelsat OneWeb in any environment. Ensure quicker data transfers, conduct team meetings over video calls, avail remote maintenance, and enhance cyber resilience through dependable access to online resources.

