

# Intellian OneWeb OW10HV Tactical Case

*The most advanced PELI® Case solution for extreme and truly portable mobile satellite communication requirements. Network Innovations' ruggedized case is a fully autonomous solution, housing Intellian OW10HV Flat Panel Antenna for OneWeb Service.*



## Overview

Engineered to be self-sufficient, this solution ensures that users can maintain high-speed and reliable internet access even in the most challenging and remote environments. Whether deployed in disaster-stricken areas or on-the-go scenarios, this case is designed to withstand extreme weather, physical impact, and other environmental challenges – safeguarding and powering the technology within.

## Smart Battery Options

*Both battery options will be charged inside the case when the case is connected to AC or DC.*

### 2x Detachable 86Wh/6,0Ah/14,4V B-Mount HIGH Load batteries

- Up to 1 hour of autonomous operation of OneWeb OW10HV antenna
- USB-C Port for smartphone charging
- Charging level & health indicator
- Allowed as hand luggage

### 2x Detachable 475Wh/33,0Ah/14,4V B-Mount HIGH Load batteries

- Up to 5 hours autonomous operation of OneWeb OW10HV antenna
- USB-C Port for smartphone charging
- Charging level & health indicator



*External Chargers for the B-Mount batteries are available.*



## Integrated DC / AC 500 W Power Supply

- The system automatically switches to battery operation if the power fails in mains operation.
- Works as an uninterrupted power supply (UPS) with attached batteries

## Weather Resistance

- All electronics are integrated into the well-known and military-approved PELI® Cases
- The tactical OneWeb OW10 Case is IP-54-rated

## Flyable

- All-In-One Trolley
- Airline checkable (only with 86Wh B-Mount batteries) *(Batteries must be carried in hand luggage)*

## External Interfaces

- 2 x LAN external connectors (IP67)
- 1 x 10 – 30 VDC Connector (IP67)
- 1 x 90 to 264V AC Connector (IP67)
- 1 x N-Connector for Intellian OW10HV antenna

## Hot-Swap Function

- Swap the batteries without interruption for endless off-grid operation
- Additional Batteries and external fast chargers are available on request

## Smart Battery Protect

The integrated battery protect disconnects the battery before it has insufficient power left to crank the engine, using a cigarette lighter cable.

## OPTIONAL:

### 5G/LTE Gateway Integrated

The tactical OneWeb OW 10 Case – 5G/LTE option offers wireless 5G/LTE connectivity as the priority link and has an automatic fail-over to the satellite service when the LTE connection is lost or not available.

The World-class proven MAX BR1 Pro 5G gateways from Pepwave are used for commercial & enterprise LTE network connectivity.

The Value Added Services from Network Innovations offer Full control of the IP Network and WiFi via the Peplink MAX BR1 Pro 5G unit and the NI In Control platform.

OneWeb/LTE/5G bundling and hybrid solutions to achieve the best and most resilient IP-connectivity are possible via the Peplink MAX BR1 Pro 5G router and the fully managed Networks from Network Innovations.

The Peplink MAX BR1 Pro 5G is fully licensed for North America, EMEA, or Australia & New Zealand.

### DRIVE Functionality included with High Performance Flat Antenna

The DRIVE function allows the Intellian OW10HV antenna to be removed from the case without tools to be mounted on the roof of a vehicle using the Land Mobile Mounting Option from Intellian.

This enables full connection to the satellite network while driving, when the OW10 Antenna is activated as Mobil terminal.

The Land Mobile Mounting Option from Intellian does not fit into the PeliCase and has to be carried separately.

The Intellian OW10HV antenna can be used inside or outside the PELI® Case while the lid is closed.

## Specifications

<b>Weight</b>	39.5 kg (including Intellian OW10HV Antenna; excluding batteries and L5G/LTE option)
<b>Dimensions</b>	69.1 x 69.9 x 41.4 cm
<b>Protected Case</b>	<ul style="list-style-type: none"> <li>• IP 54 ingress protection due to ventilation</li> <li>• 4 strong wheels with stainless steel bearings</li> <li>• Retractable extension trolley handle</li> <li>• Fold down handles</li> <li>• stainless steel padlock protectors</li> <li>• Easy open double-throw latches</li> </ul>
<b>Interfaces</b>	<ul style="list-style-type: none"> <li>• 2 x External ethernet ports (RJ-45)</li> <li>• 1 x External N-connector for Intellian OW 10 HV antenna</li> </ul>
<b>Power</b>	
<b>External AC power connector</b>	Input voltage 100 - 240V AC
<b>External Vehicle connector</b>	Input Voltage 10 - 30V DC
<b>Battery Options</b>	<ul style="list-style-type: none"> <li>• 2 x Detachable 86Wh/6,0Ah/14,4V B-Mount HIGH Load batteries (flyable)</li> <li>• 2 x Detachable 475Wh/33,0Ah/14,4V B-Mount HIGH Load batteries</li> <li>• External battery chargers are available (90 - 264V AC)</li> </ul>

## Communication via Satellite

Intellian OW10HV Compact Flat Panel Antenna für Land Mobility.

- Up to 50 Mbit/s Download
- Latency 20-40ms

## Other Features

- A fully autonomous tracking antenna acquires and tracks the OneWeb satellite signal while on the move or on-the-pause
- Intellian OW10HV Antenna works inside and outside the case when lid is closed
- Victron Energy Buck-Boost with Smart Battery Protect

## What's In The Box

- Pelicase 1640 including foam
- Intellian OW10HV Compact Flat Panel Antenna for Land Mobility
- Buck-boost 25A, 10-30 VDC including smart battery protect
- Intellian CNX Mobility
- DC/DC converter 12 to 48 VDC (400 Watt)
- RITTAL 24 VDC ventilator
- 2 x B-mounts for detachable batteries
- 5m HF- cable for Intellian OW10HV antenna
- 3m DC vehicle cable
- 3m AC power cable
- 3m ethernet cable
- Quick start guide

## Optional

- 2 x Detachable 90Wh/6,0Ah/14,4V B-Mount HIGH Load batteries
- 2 x Detachable 475Wh/33,0Ah/14,4V B-Mount HIGH Load batteries

