

# Optimal LEO Equipment Choices Tailored for your Fixed or Mobile needs



Ultra-Fast,  
Stellar Connectivity



[iSatAfrica.com](http://iSatAfrica.com)

# Intellian OW70L

## Fixed - Dual Parabolic user terminal

Available now

### Product description

Designed for high throughput performance and efficiency, the Intellian OW70L user terminal provides primary or backup connectivity solutions for the most remotely-located requirements, allowing them to operate effectively, communicate and serve customers. The UT can operate down to -40°C, making this solution ideal for extremely cold environments.

### Main features

- Full Duplex Dual Parabolic Antennas
- Seamless satellite tracking with uninterrupted data transfer
- Throughput up to 195 Mbps/32 Mbps (DL/UL)\*
- Professional Installation required

### Efficiency band

Base
Reference
High



#### Target users

Remote branch offices	Videoconferencing, cloud services, web training, financial transactions, video security and surveillance, data transfer, critical IoT Ops, business continuity, mining sites
Rural ISP, Community Broadband	Schools, libraries, health & community centres, local shops, Kiosks, residential, condominium
Smart Energy (onshore)	Oil & gas exploration and wind farm markets, including real-time IoT data and automated operations
Healthcare	Hospitals, clinics (remote patient monitoring, health support for home workers)
Hospitality	Lodging, Event Planning, Travel & Tourism, Restaurants & Bars

#### Technical specification

Dimensions (Reflector size)	84.5d x 77h cm (73 cm)
UT weight	65kg (32.5Kg x dome)
Operational temperature	-25°C to +55°C -40°C to +55°C (with Heater)
Power consumption	150W typical (no heater) 440W peak (heater ON)
Data User Interface	1 x 1GbE port on the IDU
Ingress Protection	IP66

\* Max theoretical speed supported by the system assuming clear sky

# Kymeta Hawk u8

## Flat-panel user terminal

Available - March 2023\*

### Product description

The Kymeta Hawk u8 user terminal (UT) is a lightweight system that combines a full-duplex flat panel Ku-band antenna, a OneWeb modem, and an optional Wi-Fi / cellular SD-WAN module. The integrated UT is easy to install in one of two configurations: a fixed installation via a pole mount accessory or a GO configuration via a transportable case accessory. An optional de-icing accessory is available for both the fixed and GO configurations, enabling operation in very cold temperatures and in snow conditions. Just add power and connect to the OneWeb network.

### Main features

- Full duplex, single, flat-panel antenna
- Throughput up to 195 Mbps/32 Mbps (DL/UL)\*\*
- No professional installation required
- Cellular/Wi-Fi capability optional
- Multiple mounting, deployment and power accessories
- De-icing accessories available
- Comms On The Move ready

### Efficiency band

Base
Reference
High



### Target users

Industrial	Advanced automation, IoT, safety and surveillance, workforce communications
Enterprise	Business communications, exploration, diagnostics for renewable applications, security & surveillance.
Energy	Quick setup for business communication, remote diagnostics, infrastructure monitoring, remote surveillance, exploration.
Gov	Border security, homeland defence, humanitarian aid, disaster recovery and relief, critical communications, embassy communications.
First responders	Fire & rescue, natural disasters, dispatch and operations centres, police, and paramedic vehicles.

### Technical specification

Dimensions	89.5w x 89.5d x 14h cm
UT weight	30.5 kg
Operational temperature	-40°C to +55°C (ambient) With up to 1120 W/m2 solar load
Power consumption	95W typical, steady state Max power SW defined by user
Data User Interface	1 x 1GbE port
Ingress Protection	IP66

\* This terminal is under development and the information on this slide is subject to change over time

\*\* Max theoretical speed supported by the system assuming clear sky



## Connect with Oneweb LEO

iSAT Africa and Oneweb collaborate to build, flex and scale versatile and customer - focused enterprise solutions. Together we enable a fiber-like connectivity experience for everyone, everywhere.

### ISAT AFRICA offers

- Enterprise Connectivity
- Rural Solutions
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- Cellular Backhaul

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