

# The Ultra-light, Mini Portable Starwin FL30P Terminal

Powered by Intelsat FlexMove



## A compact, cost-effective comms-on-the-pause satellite terminal.

- Ubiquitous, always-available portable connectivity
- Up to 20x faster than Mobile Satellite Services (MSS) at a fraction of the cost
- Ideal for enterprise, media, emergency response, public safety organizations, NGOs and more
- Intelsat FlexMove qualified terminal

**The Starwin FL30P terminal** delivers superior broadband connectivity anywhere in the world reaching data speeds of 10x3 Mbps. With exceptionally low power consumption, the FL30P removes the hassle of deploying complex, bulky satcom equipment empowering users to connect on the go for extended periods of time.

This terminal meets the demand of mission-critical, on-the-go operations by making satellite communications simple and easy. A wide range of applications are seamlessly enabled through the FlexMove fully provisioned managed service. .



Powerful, highly compact terminal designed for temporary use in a fixed location



Reliable data, voice, and video transfer in areas without terrestrial networks

As the world's first high throughput satellite (HTS) service for land mobility, **FlexMove** enables global, resilient, on-demand connectivity – even in the most remote and desolate locations.



Powered by the Intelsat global, multi-layered HTS network



Redundant and survivable solution for mission-critical, data-intensive applications





## The Starwin Lightweight, Mini FL30P Portable Terminal

- All-in-one, fully integrated with modem, BUC, LNB, Wi-Fi and power supply
- Easy manual pointing with user interface guidance
- Convenient to carry, transport and operate, weighing only 6.5 Kg (14.3 lbs)
- Intuitive user interface allows any user to operate without in-depth technical training
- Able to operate by both AC and DC power via optional external rechargeable battery packs

### SPECIFICATIONS

#### MODEL NO

FL30P-M

#### ANTENNA TYPE

Horn waveguide array antenna

#### EQUIVALENT TO PARABOLIC ANTENNA SIZE

0.3m

#### FREQUENCY RANGE:

Tx: 32.5 dBi @14.5GHz  
Rx: 31.2 dBi @ 12.75GHz

#### POLARIZATION

Dual Linear

#### RECEIVING GAIN

≥31.2dBi

#### TRANSMITTING GAIN

≥32.5dBi

#### G/T

10dB/K 25° elevation

#### FIRST SIDELOBE

≤-14dB

#### SATELLITE ACQUISITION

Manually pointing to satellite,  
level error<0.2°

#### AZIMUTH RANGE

Unlimited, fine tune ±5°

#### ELEVATION RANGE

10°~90° continues, fine tuning ±5°

#### POLARIZATION

±70°

#### POWER SUPPLY

DC 10~24V ±5% (with AC adapter),  
External battery 187.2WH  
Working time for external battery  
pack up to 2 hours

#### POWER CONSUMPTION

150W

#### DIMENSIONS

(L×W×H): 385x350x85 mm /  
15.2" x 13.8" x 3.3" (Stowing)

#### WEIGHT

6.5 Kg / 14.3 lbs (typical configuration)

#### OPERATIONAL WIND

17m/s (61.2km/h)

#### OPERATIONAL TEMPERATURE

-25°C ~ +50°C

#### INGRESS PROTECTION

IP66

#### HUMIDITY

0 ~ 95%

#### SATELLITE MODEM

iDirect IQ 200 modem

#### BUC SIZE

16W

#### CERTIFICATIONS

FCC and CE (ANATEL pending)

#### OTHER

Built in WiFi, Bluetooth and LAN port  
(RJ45/100/1000)



To learn more about IntelSat FlexMove, visit [intelsat.com/land-mobility](https://intelsat.com/land-mobility) or contact your local sales representative.

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