

# The Ultra-light, Mini Portable Starwin FL30P-M Terminal

Powered by Intelsat FlexMove



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

- Global, reliable, 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
- All required components (modem, BUC, LNB, Wi-Fi and power supply) contained in one fully integrated unit

**The Starwin FL30P-M terminal** delivers superior broadband connectivity anywhere in the world reaching data speeds of 10x3 Mbps. With exceptionally low power consumption, the FL30P-M 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-intense applications





## The Starwin Lightweight, Mini FL30P-M 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 @ 12.75 GHz

#### TRANSMITTING GAIN

32dBi @ 14.5 GHz

#### 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 24V ±5%, dual built-in hot-swappable  
batteries, total average battery life  
~2 hours

#### POWER CONSUMPTION

16W BUC / 105-150W

#### 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 TEMPERATURE

-25°C ~ +50°C

#### INGRESS PROTECTION

IP66

#### HUMIDITY

0 ~ 95%

#### SATELLITE MODEM

iDirect IQ 200 modem

#### BUC SIZE

16W

#### CERTIFICATIONS

FCC, CE, ACMA, and ANATEL

#### OTHER

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

#### COUNTRY OF ORIGIN

Made in China



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

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