



STARWIN FL30P

Ultra-light integrated satellite terminal for remote areas



Powered by Intelsat FlexMove, a global multi-layered High Throughput Satellite (HTS) network, StarWin FL30P delivers high quality broadband connectivity over a fully integrated compact satellite terminal. It does not require assembly and its intuitive user interface makes it extremely user-friendly. This ultra-light terminal is 20x faster than L-Band systems and can connect to a satellite network in just three minutes. Moreover, it enables a wide range of applications over its pre-configured FlexMove service, including data, voice, and video transfers. StarWin FL30P is the perfect affordable comms-on-the-pause terminal even in the most remote locations.

FEATURES



Fully integrated with modem, WiFi, antenna, and power supply



Satellite lock in just three minutes



20x faster than L-Band systems



Cost-effective data, voice & video transfers



Comms on the pause (COTP)



Ultra-lightweight terminal

SPECIFICATIONS

MODEL NO

FL30P-M

ANTENNA TYPE

Horn waveguide array antenna

EQUIVALENT TO PARABOLIC

ANTENNA SIZE

0.3m

FREQUENCY RANGE:

Tx: 13.75~14.50GHz

Rx: 10.70~12.75GHz

POLARISATION

Dual Linear

RECEIVING GAIN

≥31.2dBi

TRANSMITTING GAIN

≥32.5dBi

G/T

10dB/K

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°

POLARISATION

±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 (stowing)

WEIGHT

6.5 Kg (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

TYPICAL BUC

16W

OTHER

Built-in WiFi, Bluetooth and LAN port
(RJ45 10/100/1000)

USE CASES

OUTDOOR ADVENTURE

Stay connected even in areas with no terrestrial network, anywhere on the planet. With its compact and lightweight design, this terminal fits perfectly in backpacks for outdoor enthusiasts of all skill levels. It can be quickly opened to provide a reliable transmission link for various services. This cutting-edge terminal enables a wide range of applications for data, voice, and video transfers.

EMERGENCY & DISASTER RELIEF MISSIONS

Quickly establish a reliable communications link for emergency, rescue, and disaster relief operations. Requiring no assembly and no training for field workers, this portable and lightweight satellite terminal can enable a myriad of specific applications to support earthquake rescues, forest fire evacuations, flood control coordination, drought relief operations, and more.

GOVERNMENT ACTIVITIES

Extend connectivity to areas with no terrestrial networks or damaged grid lines. With exceptionally low power consumption, this fully integrated terminal removes the need to arrange and install bulky satcom equipment, especially for temporary missions. From secure communications for special missions to public safety initiatives, this terminal delivers high-speed data, voice, and video transfers at low cost.

