

The Next-Generation Intelsat Portable 30 Satellite Terminal



Enabling uninterrupted, always-on connectivity for comms-on-the-pause (COTP) anywhere in the world

The Compact and Lightweight Intelsat Portable 30 Terminal

- » Includes a 30 cm antenna with satellite modem, power supply, built-in Ethernet, Bluetooth, and a WiFi interface
- » At 6.5 kg (14.3 lbs.), can be easily transported and quickly deployed
- » Intuitive manual satellite pointing with acquisition in as little as 3 minutes
- » Weatherproof, integrated, all-in-one design offers enhanced durability and reduces the potential for damage
- » Hot-swappable external battery packs supply up to 2.5 hours of use

- Fully integrated, highly portable terminal that is easy-to-transport, and quick to set-up and operate
- Simple and intuitive user experience
- Ideal for emergency response, live streaming, and enterprise applications with a built-in WiFi router for easy access to the network

The Intelsat Portable 30 delivers high-speed satellite connectivity anywhere in the world for a wide range of communications scenarios. From emergency response, remote exploration, and live video streaming to countless vertical market and NGO applications, users can quickly and easily deploy the Intelsat Portable 30 to establish a communications network and ensure constant connectivity in the absence of a suitable terrestrial network or power supply. With its lightweight design and intuitive interface, the terminal can be transported and deployed quickly and can be easily operated by any user in the field, no matter the level of satellite experience or proficiency.

- Establish a temporary, on-demand critical communications channel from any location
- Reliable high-speed data, voice, and video connectivity in the absence of 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 isolated locations.

- Powered by Intelsat's global, multi-layered HTS network
- Redundant and survivable solution for mission-critical, data-intense applications



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

POLARIZATION

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°

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 (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

BUC SIZE

16W

CERTIFICATIONS

FCC and CE

OTHER

Built in WIFI, Bluetooth and LAN Port
(RJ45 10/100/1000)