

Stay Connected Wherever You Go with the **Intelsat Portable 30** **Auto-point Terminal**

Powered by Intelsat FlexMove



A portable autopointing Comms-on-the-Pause (COTP) satellite terminal.

- Global, reliable, always-available satellite Internet access
- Automatically rotates antenna to find and lock onto the nearest satellite beam
- All required components (antenna, modem, ACU, battery) are contained in one integrated unit
- Ideal for enterprise, media, emergency response, public safety organizations, NGOs and more

The Intelsat Portable 30 auto-point terminal delivers reliable high-throughput connectivity when and where you need it most. With the integrated and compact design, the Portable 30 removes the hassle of deploying complex, bulky satcom equipment. It empowers users to connect and communicate, wherever they go, for extended periods of time. Most of all, it automates the process of searching for nearby satellite beams, providing greater ease of use than manually-pointed models.

This terminal meets the demand of mission-critical, on-the-go operations by making satellite communications easier and portable. A wide range of applications are seamlessly enabled through the fully provisioned FlexMove 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 challenging and remote locations.



Powered by the Intelsat global, multi-layered HTS network



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





Intelsat Portable 30 Auto-point Terminal

- Offers greater ease of use with an auto pointing antenna
- Compact and portable - take it anywhere and easily set up on the spot
- Facilitates rapid global deployments

SPECIFICATIONS

MODEL NO

I-FM30PA-1

ANTENNA TYPE

Horn waveguide array antenna

EQUIVALENT TO PARABOLIC ANTENNA SIZE

0.3m

FREQUENCY RANGE:

Tx: 13.75-14.50 GHz

Rx: 10.70-12.75 GHz

POLARIZATION

Linear Horizontal / Vertical

RECEIVING GAIN

≥31.2dBi @ 12.75Ghz

TRANSMITTING GAIN

≥32.5dBi @ 14.5Ghz

G/T

10dB/K, 25° elevation

EIRP

44dBW (16W BUC)

FIRST SIDELOBE

≤-14dB

SATELLITE ACQUISITION

Auto pointing to satellite,
level error<0.2°

AZIMUTH RANGE

±130°, fine adjustment ±5°

ELEVATION RANGE

0°~ 90°, fine adjustment ±5°

POLARIZATION

±70°

POWER SUPPLY

DC 24V ±5% (with AC adapter),

2 External batteries 187.2WH

POWER CONSUMPTION

16W BUC / 105-150W

DIMENSIONS

(L×W×H): 350x266x467 mm / (Stowing)

13.8" x 10.5" x 18.4"

WEIGHT

9.6 Kg / 21.2 lbs (with batteries)

OPERATIONAL TEMPERATURE

-25°C to +50°C

INGRESS PROTECTION

IP67

HUMIDITY

0 - 95%

SATELLITE MODEM

IQ200

BUC SIZE

16W

INTERFACES

WiFi, RJ45 10/100/1000, Bluetooth v4.2

GPS/GLONASS/BeiDou-2/Galileo

CERTIFICATIONS

FCC, CE, and ACMA

COUNTRY OF ORIGIN

Made in Singapore



To learn more about Intelsat FlexMove, visit intelsat.com/land-mobility or contact your local sales representative.

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