



EXPEDITION
COMMUNICATIONS

FL30P-E

AUTO-ACQUIRE SATELLITE TERMINAL



The FL30P-E is an innovative auto-acquire Comms-on-the-Pause (COTP) terminal that delivers reliable high-throughput connectivity in an ultra-compact form factor. The compact design removes the hassle of traditional, bulky satcom equipment and empowers users with a tool built specifically made to make communications in hard to reach places within reach. Most of all, it automates the process of searching for satellite beams, providing greater ease of use and expedited deployment times than manually-pointed terminals.

A Portable Auto-Acquire Comms-on-the-Pause (COTP) Satellite Terminal

- Light Weight, 21.2 lbs, Easy to Carry
- 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

This terminal simplifies and streamlines satellite communications, making it ideal for mission-critical, on-the-go operations.



A highly compact terminal designed for quick deployment and temporary uses



Reliable data connectivity with a target speed of 10Mbps x 3Mbps on Intelsat's Global FlexMove network



The FL30P-E Benefits

- 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

FL30P-E

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

Product: 9.6 Kg / 21.2 lbs (with
its attached auto-rotating stand
and 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 & Anatel

COUNTRY OF ORIGIN

Made in China



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