



# FL30P

ULTRA-COMPACT SATELLITE TERMINAL



The FL30P Comms-on-the-Pause (COMPT) terminal provides global high-speed internet access in a portable, light weight configuration. With remarkably low power consumption, the terminal is ideal for use cases needing rapid deployment and reliable communication. The manual point antenna can be easily deployed and fully active within 5-10 minutes without the use of any additional tools. The portable terminal is easy to carry and use without the need for bulky satellite communication equipment. This enables users to stay connected while on the move for longer periods of time.

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

- Light Weight, 14.3 lbs, Easy to Carry
- Global Internet Coverage
- BGAN Sized but with Faster Speeds
- Ideal for Public Safety, Energy, Enterprise, NGOs, and Disaster Recovery Use Cases

This terminal simplifies and streamlines satellite communications, making it ideal for mission-critical, on-the-go operations. The fully provisioned managed service enables a variety of applications seamlessly without any hassle.



Powerful, highly compact terminal designed for temporary use in a fixed location



Reliable data, voice, and video transfer in areas without terrestrial networks



## The FL30P Benefits

- 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

$\geq 31.2$  dBi

### TRANSMITTING GAIN

$\geq 32.5$  dBi

### G/T

10dB/K 25° elevation

### FIRST SIDELobe

$\leq -14$  dB

### SATELLITE ACQUISITION

Manually pointing to satellite,  
level error  $< 0.2^\circ$

### AZIMUTH RANGE

Unlimited, fine tune  $\pm 5^\circ$

### ELEVATION RANGE

$10^\circ \sim 90^\circ$  continues, fine tuning  
 $\pm 5^\circ$

### POLARIZATION

$\pm 70^\circ$

### POWER SUPPLY

DC 10~24V  $\pm 5\%$  (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 / 15.2"  
x 13.8" x 3.3" (Stowing)

### WEIGHT

6.5 Kg / 14.3 lbs (typical  
configuration)

### OPERATIONAL WIND

17m/s (61.2km/h)

### OPERATIONAL TEMPERATURE

$-25^\circ\text{C} \sim +50^\circ\text{C}$

### INGRESS PROTECTION

IP66

### HUMIDITY

0 ~ 95%

### SATELLITE MODEM

iDirect IQ 200 modem

### BUC SIZE

16W

### CERTIFICATIONS

FCC and CE (ANATEL pending)

### OTHER

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



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