

SWARM[®] Ku Ultra Portable Ku-band Terminal

Powered by Intelsat FlexMove



Ultra portable, high-throughput satellite communication solution for the commercial, intelligence, special ops and military communities.

- Extremely compact, rugged, lightweight and discreet
- Tool-free assembly, setup in 90 seconds and pointing in less than 240 seconds
- Ubiquitous, continuous broadband internet access
- Up to 20x faster than Mobile Satellite Services (MSS) at a fraction of the cost
- Intelsat FlexMove qualified terminal

The SWARMKu features a simple and intuitive deployment/setup method that involves audio and visual pointing aids on the PIM[®] (Paradigm Interface Module) and is packaged in a single hand carry case which can be carried as airline hand luggage.



Backpack, hand carry case of IATA checkable case options



Up to 10 x 3 Mbps, ideal for high-speed data communications and video transfer



Powered by the Intelsat Epic HTS fleet and wide beam global Ku-band network



High data rates, full Ku-band, low power consumption





SWARMKu satellite terminal features:

- Flat panel antenna
- Outdoor PIM (includes integrated modem)
- Rapid deploy and stow
- Low power consumption
- Rugged design built to withstand harsh environmental conditions
- Installation guide and operators manual
- Lightweight

SPECIFICATIONS

REFLECTOR

45cm Flat Panel

EIRP

47.0 dBW

G/T

11.5 dB/K

POSITIONER

Ultra Lightweight Manual Adjust

PERFORMANCE

FREQUENCY RANGE (GHZ)

Rx: 10.70 – 12.75 GHz

Tx: 13.75 – 14.50 GHz

BUC POWER

16 W

SATELLITE MODEM

iDirect CX700

NETWORK INTERFACE

5 x Ethernet, 1 x USB

POLARISATION

Linear

TX GEO-PLANE BEAMWIDTH

3.0° V, 5.3° H

TX/RX ISOLATION

> 80 dB (built-in Diplexer/Filters)

EXTERNAL POWER

100-230 VAC (50-60Hz)

INGRESS PROTECTION

IP65

RADIATION PATTERN COMPLIANCE

FCC 25.222, ITU-729

ENVIRONMENTAL

AMBIENT OPERATING TEMPERATURE

Antenna & PIM -25° C to +55° C

OPERATING HUMIDITY

Antenna & PIM 0 to 95% (Condensing)

MIL-STD-810G for vibration, shock, salt fog, sand and dust, humidity and driving

MECHANICAL

AZIMUTH ADJUSTMENT

180° Continuous Fine 25°

ELEVATION ADJUSTMENT

5° to 90° Continuous

AVAILABLE ON REQUEST

Customised fibre & wireless solutions

Extending stabiliser legs

Tripod mount

Backpack, hand carry case or

IATA checkable case

POE on dataports

DC external power

Ka-band operation

Mil-Ka operation

X-band operation

PIM modem options

SWARM and PIM are trade marks of Paradigm Communication Systems Ltd.



To learn more about IntelSat FlexMove, visit intelsat.com/flexmove or contact your local sales representative.

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