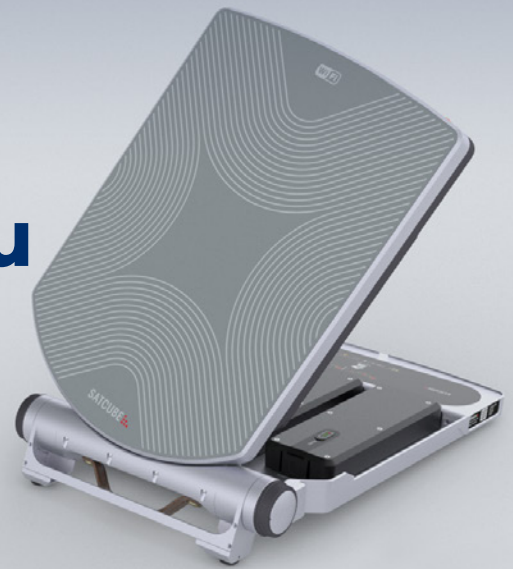# The Lightweight, Compact **Satcube Ku**

Powered by Intelsat FlexMove

A portable satellite terminal that provides unrivaled broadband connectivity almost anywhere on earth.

- Ubiquitous, always-on portable connectivity
- Up to 20x faster than Mobile Satellite Services (MSS) at a fraction of the cost
- Easy to deploy solution weighing only 8 kg
- Suitable for a wide range of users including emergency response, public safety organizations, NGOs, media and more
- Intelsat FlexMove qualified terminal

The innovative Satcube Ku is a compact, user-friendly device that enables seamless connectivity, empowering unconnected workers to communicate and deliver critical services on the go.

Satcube Ku's highly intuitive user interface makes operation as simple as using an iPhone; no engineers, no complexity. **Online in under a minute.**

Outperforms traditional devices in size, speed, ease-of-use and design

Red Dot Award 2019 winner for product design

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 hostile locations.

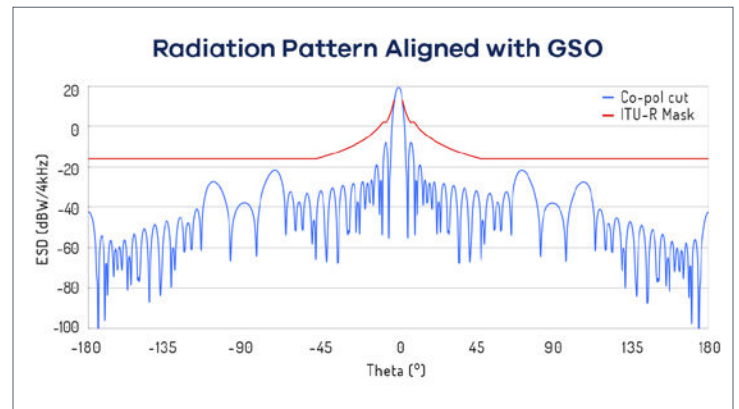Powered by the Intelsat Epic HTS fleet and wide beam global Ku-band network

Redundant and survivable network for mission-critical, data-intense applications

INTELSAT | **SATCUBE**

The Satcube Ku package includes:

- All-in-one compact terminal the size of a large laptop
- 3 hours transmit time (three batteries)
- Supports iDirect IQ 200 modem
- Flat panel antenna, amplifier (high efficiency GaN SSPA), upconverter, downconverter, heat pipe cooling system, positioning system
- Interfaces included: Built in Wi-Fi and 2 ethernet ports
- LCD GUI provides easy alignment and status

SPECIFICATIONS

DIMENSIONS
470 / 300 / 55 mm

TOTAL WEIGHT
8 kg (17.6 lbs) without batteries

DATA RATE
4 Mbps full duplex, up to
20 Mbps via HTS satellites

BATTERIES
3 hours transmit time (three batteries)

FREQUENCIES
Tx 13.75 – 14.50 GHz
Rx 10.95 – 12.75 GHz

POLARISATION
Linear Horizontal / Vertical

EIRP
Typical 46dBW

G/T
9 dB/K

SATELLITE MODEM
iDirect IQ 200 modem

POWER CONSUMPTION
24 VDC, 130 W
AC/DC 100 - 240 VAC, 47 - 63 Hz

INTERFACES
2 x LAN, 1 x USB host, WLAN
Access Point (IEEE 802.11 b/g)

USER INTERFACE
Satcube GUI, Display, Pointing system

WATER AND DUST
IP65/IP67

DC INPUT
24 VDC

AC/DC INPUT RANGE
100 – 240 VAC, 47 – 63 Hz, 150 W

APPROVALS
CE [RED directive (2014/53/UE), EN 301 428)]
FCC

TEMPERATURE
-35°C to 50°C /-31°F to 122°F

INTELSAT®

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

Africa
+27 11-535-4700
sales.africa@intelsat.com

Asia-Pacific
+65 6572-5450
sales.asiapacific@intelsat.com

Europe
+44 20-3036-6700
sales.europe@intelsat.com

Latin America & Caribbean
+1 305-445-5536
sales.lac@intelsat.com

Middle East & North Africa
+971 4-390-1515
sales.mena@intelsat.com

North America
+1 703-559-6800
sales.na@intelsat.com