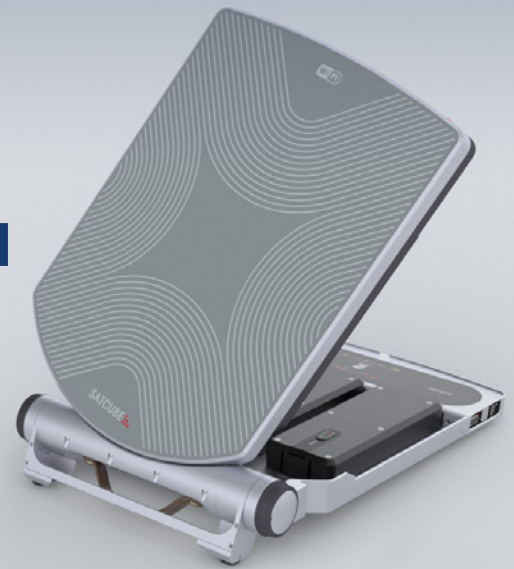


The Lightweight, Compact **Satcube Ku**

Powered by Intelsat FlexGround



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 and more
- Intelsat FlexGround 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, **FlexGround** 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-intensive applications



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

ANTENNA

DIMENSIONS

18.5 x 11.8 X 2.2 inches; 470 / 300 / 55 mm

TOTAL WEIGHT

8 kg (17.6 lbs) without batteries

ACQUISITION

Assisted manual

ELEVATION

0° to +90°

RF PERFORMANCE (Ku-band)

FREQUENCIES

Transmit: 13.75 – 14.50 GHz

Receive: 10.95 – 12.75 GHz

POLARIZATION

Linear Horizontal / Vertical

EIRP

Typical 46 dBW

G/T

9 dB/K

INTERFACES

GIGABIT ETHERNET

2 ports

Wi-Fi

IEEE 802.11 b/g

GPS

Internal; manual entry available

USER INTERFACE

Built-in color display; Web interface

POWER

AC INPUT RANGE

100 – 240 VAC, 47 – 63 Hz, 150 W

DC INPUT RANGE

10 – 32 VDC, 130 W

BATTERIES (Airline Compliant)

3 hours transmit time (three batteries)

SATELLITE MODEM

iDirect IQ 200 modem

DATA RATE

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

ENVIRONMENTAL

TEMPERATURE

-20°C (4°F) to 50°C (122°F)

WATER AND DUST

IP65

APPROVALS

CE (RED directive (2014/53/UE), EN 301 428)

FCC (Pending approval)



To learn more about IntelSat FlexGround, visit intelsat.com/flexground or contact your local sales representative at sales.inquiries@intelsatgeneral.com.



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