

MOBILE SOLUTIONS

MoboSat

Ku 1.2m Solution



Virgin Technologies' most robust mobile satellite solution, Mobosat Ku is ideal for those needing high speed Internet and high-quality VoIP phone and VPN services from virtually anywhere in North America. Ideal for use at remote work camps, movable work sites, and on vehicles or other mobile units. Simply provide power and press the "Search" button to connect.

Simple Portability & Setup



FEATURES

SIMPLE PORTABILITY

- Weighing ~185lbs and measuring 75" L x 49" W x 14" H when stowed, MoboSat Ku is easy to travel with. Controller and connectors are neatly stowed in a lightweight travel case.

HIGH SPEED INTERNET

- Supports iDIRECT's iNFINITI and Evolution platforms which enables customers to operate on multiple satellites, transponders and topologies simultaneously. A wide range of data rates and plans are available.

COMPLETE MOBILE OFFICE

- VoIP Phone and VPN services, networking to support multiple PC's, simultaneous voice and broadband data, and support for video conferencing and surveillance.

SELF-ALIGNING SYSTEM

- MoboSat Ku automatically finds the satellite and connects, turning up to 365 degrees. It also automatically stows. No need to call a technician for moves or pointing.

SUPERIOR VOICE CLARITY WITH VoIP

- Enjoy natural conversation with minimal satellite delay.

BENEFITS

COVERAGE FAR BEYOND CELLULAR

- Improve productivity and safety when working, traveling or visiting remote areas. MoboSat Ku can find the satellite from fringe areas that smaller systems are unable to reach, offering complete coverage throughout most of North America.

QUICK & EASY TO USE

- Connect in less than 10 minutes with the push of a button.

EXTREMELY ROBUST

- Designed to operate in challenging environmental conditions from the high Arctic to the desert.

THE V-LINK NETWORK

- Virgin Technologies' own satellite teleport, optimized for VoIP over satellite. Send emails, surf, talk or collaborate.

COMPLETELY SECURE

- Connect seamlessly via your preferred VPN application over Virgin Tech's own secure, 24/7/365 monitored network, V-LINK.

Discover how far the MoboSat Ku Mobile Solution can take you.
Visit www.virgintechnologies.com or call 1-866-788-8728.

VIRGIN TECHNOLOGIES
innovative ways to make communication easy



MOBOSAT Ku 1.2m SPECIFICATIONS

SERVICE & SUPPORT

Virgin Technologies provides FAST, QUALITY 24/7 technical support for issues relating to the equipment or installation work we've provided. We understand that your communications are important and we do our best to resolve issues quickly. We also offer extended warranties on hardware and same day/next day on-site service.

RENTALS

Telecommunication rentals are one of our most popular options. When capital expenditures, cost controls or convenience are important to you, rentals are a great alternative. We offer daily, weekly and monthly rates. Rental packages include professional setup, delivery and 24/7/365 technical support. Should anything go wrong, same day/next day on-site service is available. Call 1-866-788-8728 for pricing.

PHYSICAL CHARACTERISTICS

Deployed Height	1.62m (64 in)
Stowed Dimensions	75" L x 49" W x 14" H
Reflector Size	1.2m (47 in)
Weight	~84kg (~185lbs)

MOUNT ROTATION

Azimuth	365 degrees
Elevation	0-70 degrees Satellite Latitude
Skew (Polarization)	190 degrees (cross pol/isolation)

INTERNET/DATA CAPABILITIES

Platforms Supported	iDIRECT Evolution DVB-S2/ACM iDIRECT INFINITI TDM/D - TDMA
Evolution Data Max.	Send 7.5Mbps / Receive 30Mbps
iNFINITI Data Max.	Send 5.9Mbps / Receive 17Mbps

VOICE CAPABILITIES

Voice (VoIP) Services	Voicemail Call Display Call Forwarding Call Waiting Free North American long distance
Phone (supplied)	RJ45 or RJ11 Wired or Wireless Single or Multiple Lines PBX also available

TOLERANCES

Operational Wind Speed	65 km/h (40 mph)
Survival Wind Speed Deployed	120 km/h (75 mph)
Survival Wind Speed Stowed	200 km/h (125 mph)
Operation Temperature	-45 to 55°C (-50 to 130°F)

ELECTRICAL RF INTERFACE

Transmit Power	Standard 4-Watt BUC (other sizes available)
Transmit Frequency	13.75 - 14.50 GHz (Ku Band)
Receive Frequency	10.95 - 12.75 GHz (Ku Band)



www.virgintechologies.com

Specifications subject to change without notice. Virgin Technologies reserves the right to make changes to pricing, coverage and price plans at any time without notice. Contact Virgin Technologies at Toll Free 1-866-788-VSAT for complete pricing and coverage information. Virgin Technologies Inc, 9333 - 37 Avenue, Edmonton AB, T6E 5N4, Canada, P: 1.866.788.8728, F: 780.469.4475. Please see complete details of Virgin Technologies' service in the Terms and Conditions on our website, www.virgintechologies.com.

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