



SECTION 2

Auto-Aiming Satellites

Turn 360 Degrees

1-Button Deployment

Toll Free Phone & Fax

Coverage Throughout
North America

Completely Secure



MOBILE

Solutions

MOBILE SOLUTIONS

MOBOSAT

Ka Solution



Virgin Technologies' most compact, lightweight mobile satellite solution, Mobosat Ka is ideal for those needing high speed Internet and email/Web/data services from virtually anywhere in Canada. Ideal for use at remote work camps, movable work sites, and on RV's, vehicles or other mobile units. Simply provide power and press the "Search" button to connect.



Simple Portability & Setup



FEATURES

LIGHTWEIGHT

- Weighing ~75lbs and measuring 75" L x 49" W x 12.5" H when stowed, MoboSat Ka is easy to travel with. Controller and connectors are neatly stowed in a lightweight pelican case.

HIGH SPEED INTERNET

- Speeds of up to 2000 kbps down and 512 kbps up. Powered by Telesat.

BASIC MOBILE OFFICE

- Send/receive email, upload files or exchange data at broadband speeds while you travel. Networking to support multiple PC's.

SELF-ALIGNING SYSTEM

- MoboSat Ka automatically finds the satellite and connects, turning up to 380 degrees. It also automatically stows. No need to call a technician for moves or pointing.

BENEFITS

COVERAGE FAR BEYOND CELLULAR

- Improve productivity and safety when working, traveling or visiting remote areas. MoboSat Ka can provide complete coverage throughout most areas of Canada.

AFFORDABLE

- Designed as an affordable, entry-level system for those who simply need to stay connected. Airtime packages allow great flexibility in speeds and pricing.

QUICK & EASY TO USE

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

SIMPLE PORTABILITY

- Press a button and MoboSat Ka automatically stows for transport. Press the button again and MoboSat Ka deploys. It's that simple.

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

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MOBOSAT Ka SPECIFICATIONS

GENERAL INFORMATION

Deployed Height	1.09 m (43 in.)
Stowed Dimensions	47" L x 32" W x 16" H
Reflector Size	0.67 m (26.4 in.)
Weight	~34 Kg (~75 lbs)

MOUNT ROTATION

Azimuth	380 Degrees
Elevation	0 - 90 Degrees Satellite Latitude
Skew (Polarization)	190 Degrees (cross Pol/Isolation)

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.

ENVIRONMENTAL PERFORMANCE

Operational Wind Speed	65 km/h (40 mph)
Survival Wind Speed Deployed	80 km/h (50 mph)
Survival Wind Speed Stowed	200 km/h (125 mph)
Operation Temperature	-55° to 40°C (-67° to 104°F)

ELECTRICAL RF INTERFACE

Transmit Power	3 Watts (Ka Band)
Transmit Frequency	29.5 - 30 GHz (Ka Band)
Receive Frequency	19.7 - 20.2 GHz (Ka Band)

SERVICE & SUPPORT

Virgin Technologies provides FAST, QUALITY 24/7 technical support because we understand that your communications are mission critical and that you cannot afford to be 'down' for any reason. We also offer extended warranties on hardware and same day/next day on-site service to our business customers.

www.virgintechnologies.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.virgintechnologies.com.

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MOBILE SOLUTIONS

MOBOSAT

Ku Solution



Virgin Technologies' most robust mobile satellite solution, Mobosat Ku is ideal for those needing high speed Internet and high-quality VoIP/phone/fax/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 pelican case.

HIGH SPEED INTERNET

- Speeds of up to 2000 kbps down and 512 kbps up. Powered by iDIRECT.

COMPLETE MOBILE OFFICE

- VoIP/Phone/Fax/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.

COMPLETELY SECURE

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

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.

SUPERIOR VOICE CLARITY WITH VoIP

- Enjoy natural conversation with minimal satellite delay.

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 network, optimized for VoIP/Phone/Fax over satellite. Send emails, surf, talk or fax.

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

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MOBOSAT Ku SPECIFICATIONS

GENERAL INFORMATION

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

MOUNT ROTATION

Azimuth	365 Degrees
Elevation	0 - 70 Degrees Satellite Latitude
Skew (Polarization)	190 Degrees (cross Pol/Isolation)

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.

ENVIRONMENTAL

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	4 Watts (Ku Band)
Transmit Frequency	13.75 - 14.50 GHz (Ku Band)
Receive Frequency	10.95 - 12.75 GHz (Ku Band)

SERVICE & SUPPORT

Virgin Technologies manages and supports its own satellite network, V-LINK, enabling us to provide FAST, QUALITY 24/7 technical support. We understand that your communications are mission critical and that you cannot afford to be 'down' for any reason. We also offer extended warranties on hardware and same day/next day on-site service to our business customers.

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