



HiBoost MobileLink Voyager

Professional In-Vehicle Cellular Signal Booster for RVs and Multi-Passenger Vehicles

Overview

The HiBoost MobileLink Voyager is a professional-grade mobile cellular booster engineered for use in recreational vehicles, travel trailers, and other large passenger vehicles that require reliable connectivity on the road. Delivering up to 50 dB of system gain, it ensures consistent, high-quality voice and data coverage across all major U.S. and Canadian carriers—even in remote or low-signal environments.

With its high-linearity amplifier design and wide dynamic range, the MobileLink Voyager provides clean amplification with minimal distortion, ensuring superior call clarity, faster data speeds, and stable streaming performance. The booster's metal chassis with integrated thermal fins replaces traditional plastic housings for improved heat dissipation, vibration resistance, and long-term durability.

Featuring both DC 12–24 V and AC 100–240 V power options, it's adaptable to RV, motorhome, and trailer installations, and integrates seamlessly with HiBoost's Signal Supervisor platform for remote diagnostics and monitoring. The included folding mount bracket enables flexible antenna positioning to achieve optimal reception during installation.



Key Features



- **Performance**
 - Up to 50 dB system gain for extended mobile coverage on the road
 - Full-band support: Bands 12/17 • 13 • 5 • 25/2 • 4
 - High-linearity amplifiers and low noise figure (≤ 6 dB) ensure stable, interference-free performance
 - AGC / MGC allow fine-tuning under variable signal conditions
 - Simultaneous support for multiple users and connected devices
- **Reliability & Compliance**
 - Rugged metal enclosure with silicone impact panels for vibration and thermal protection
 - Integrated heat dissipation system for extended operating life
 - Self-resetting fuse for safe hard-wired power connection
 - 12–24 V DC input / 100–240 V AC adapter included for RV and shore power use
 - IP40 environmental rating for indoor or protected mounting
- **Integration & Monitoring**
 - Signal Supervisor App (iOS / Android) for remote status and performance monitoring
 - 50 Ω impedance with standard RPSMA-F / SMA-F connectors
 - Multiple mount and antenna options including folding bracket, pole, and roof installations
- **Applications**
 - Recreational vehicles and travel trailers
 - Ideal for dealers, installers, and upfitters serving the RV and travel market

Specification

Item	
Working Band	Band 12/17 / Band 13 / Band 5 / Band 25/2 / Band 4
UL Frequency Range(MHz)	698-716 / 776-787 / 824-849 / 1850-1915 / 1710-1755
DL Frequency Range(MHz)	728-746 / 746-757 / 869-894 / 1930-1995 / 2110-2155
Supported Standards	5G DSS, LTE, HSPA+, EVDO, WCDMA, GSM
Max Gain	50dB
Max Output Power	UL 24dBm DL 0 dBm
MGC (Step Attenuation)	≥ 25 dB / 1 dB step
Noise Figure	≤ 6 dB
I/O Port	RPSMA-Female / SMA-Female
Inpedance	50 ohm
Power Supply	Input DC12-24V, Output DC12V-24V/3A Input AC100-240V/1.5A, Output DC12V/3A
Power Consumption	≤ 18 W
Environment	-25 °C to +55 °C (<85% RH)
Environment Conditions	IP40
Dimensions	6.3 x 4.7 x 1.9 in / 160 x 120 48 mm
Weight	≥ 2.6 lbs / 1.2kg
Certification	FCC / ISED

Kit Includes



Ordering Information



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Create a ticket or chat via SignalSupervisor app to find any help you need!