



The Mini Base Camp Trailer "HELIOS" is a deployable cell tower when NO cellular services are available. It generates an area of FirstNet (Band14), Verizon, AT&T, and T-Mobile Cellular with Wi-Fi coverage.

UNITS INCLUDE: JPS RoIP, VHF/UHF (BK Radios), FirstNet ready Cradlepoint, Starlink, and more.

Unlimited Data Usage Included

When cellular services ARE available, our Hybrid Emergency Link and Information Operations System "HELIOS" will initially combine and utilize FirstNet and/or Verizon for connectivity.

A 300x50MB government rated Starlink is ready and available as an additional failsafe connection for redundancy.

This design ensures fully solar powered and zero emissions. Including the reliability of streaming any online meetings or briefings.

The integration of the JPS RoIP device future-proofs the unit's capabilities to service last-mile radio communications.

CONTACT US NOW

(360) 944-9842

sales@cloudcasters.com

- Availability
- Preseason Agreements
- Questions 24/7 365
- National Deployment



SPACEX STARLINK BACKPACK

CALL FOR RENTAL SPECIFICS



Mini Base Camp Trailer "HELIOS"

Technical Specifications

- Dimensions: 138"L x 66"W x 58"H, under 1400 lbs
- Mast: 20' Pneumatic operation
- Power Generation: Solar (Primary) / ZERO EMISSIONS
- Power Redundancy: Uninterruptible Power Supply
- Data Feed(s) (Primary): SpaceX Starlink, FirstNet & Verizon (Unlimited Data Usage Included)
- Broadcast (Wi-Fi): Mesh Wi-Fi (& Provides Guest Wi-Fi)
- Broadcast (Cellular): Mini Cell Tower providing Verizon, AT&T, FirstNet [Band 14] & T-Mobile (4G, 5G)
- BK Radio (VHF/UHF): KNG2 CMD 5w (M150, M400 50w | optional)
- Radio Over IP (RoIP): JPS RoIP, Push-to-talk over Cellular (RSP-Z2 integrated w/ Z-Series Controller)
- Climate Control: AC/Heater regulated network cabinet
- Network Cabinet: Cradlepoint (NetCloud Managed Router), Ubiquity Hardware (Access points, 24 port switch 250w PoE)
- IT Security Compliant: VLAN Network Segmentation & Firewall integration (ICS; Finance, GIS, PIO, Guest, etc.) (CCSNA 12/7/2020)



PRICING

All installed equipment is available for use without extra charge. Additional optional supplemental items are listed below.

Item	Rate
HELIOS	Call For Pricing
Long Range Kit	*
PA system, TV, Mixer Kit	*
Network in a box	*
Technician	*
Starlink/Backpack Rental	*

* One-time fee = no billing after initial deployment

Additional Costs not itemized in above table:

Item	Cost
Mobilization	Call For Pricing
Demobilization	*
Data Feed (secondary)	Call for current pricing

Supplemental Equipment

- Long Range Kit: Connect to a distant site within 5 hops of less than 6 miles each hop
- PA system, TV, Mixer Kit: Yamaha Professional PA: with/ Shure wireless and corded microphone, 2 Professional Speakers, 82" Monitor / LED TV
- Network in a Box: Designed to be scalable and the first computer network built at the beginning of an incident. Includes ALL Unifi networking equipment, ethernet cabling and stays for length of fire.
- Technician: Required for any role that requires on-site support; base camp operations, mob & demob, etc. Not necessary for smaller spike camp operations.

JPS
AUTHORIZED INTEGRATOR