

SIGNAL

Mobile Command Center / Networking Vehicle

The Mojave Repeater "SIGNAL" van was designed to provide limitless connectivity to our commercial, public safety, and government & military customers. Our personnel have the right clearances to interact with your personnel and equipment.

It will take you anywhere in comfort, off-road into austere terrain, or through long deployments. This vehicle has the reliability and performance to handle any mission. It is thoughtfully designed with a low-profile aesthetic in mind.

This modular platform can extend the reach of your ground sensors or command and control systems with robust networking capabilities. The possibilities for this platform are endless and flexible to suit your needs, from mobile radio repeater, cell-on-wheels, analog, digital, or cellular signal interrogation, radio direction finding and own-force monitoring.



MOJAVE

CAPABILITIES

The "SIGNAL" van is a modular platform for a host of radio technologies, which can be designed to suit your mission.

It has 5kW of on-board power delivered through multiple 120V and 12V circuits. Persistent Wide Area Network connectivity is provided by Peplink's LTE router solutions with dynamic failover to a mobile Starlink installation.

On-board computers enable dynamic monitoring and configuration of equipment.

Communications systems are available to enable encrypted two-way voice radio solutions, such as DMR or P25 radio and interoperability. Digital mesh networking options such as Silvus Technologies and goTenna are also available.

An on-board radio repeater natively extends the range of your two way voice communications.



SPECS

VEHICLE

2009 Land Cruiser 200 Series • Full Time AWD • Center Locking Differential 4WD
5.7L V8 Engine • 381hp / 401lb-ft torque • 11MPG • 25.4gal Fuel Capacity
17x10 Method 703 BeadGrip Wheels • 285/75/17 Falken AT Tires
Dobinsons Suspension • 8,000lbs Towing Capacity

POWER

Capacity	5120Wh	51.2V 100Ah
AC Main Output/Frequency	Pure Sine Wave 3600W	120V 60Hz
AC Output	6 Positions	20A Max ea.
DC Main Output	13.6V/70A 1000W Max	24.7V/60A 1600W Max
DC Output	12 Fused DC Positions	
Shore Power Charging	120V 15/30A	
Solar Charging	16-50V 30A	
Alternator Charging	13-60V 60A	

LIGHTING

Front Amber Marker Lighting
Front Infrared (850nm) Flood Lighting
Full Blackout for Night Driving
Rear hatch task lighting (Red & White)

NETWORKING

Starlink RV (Custom Mobile Mount)
Peplink MAX BR1 Mini HW3

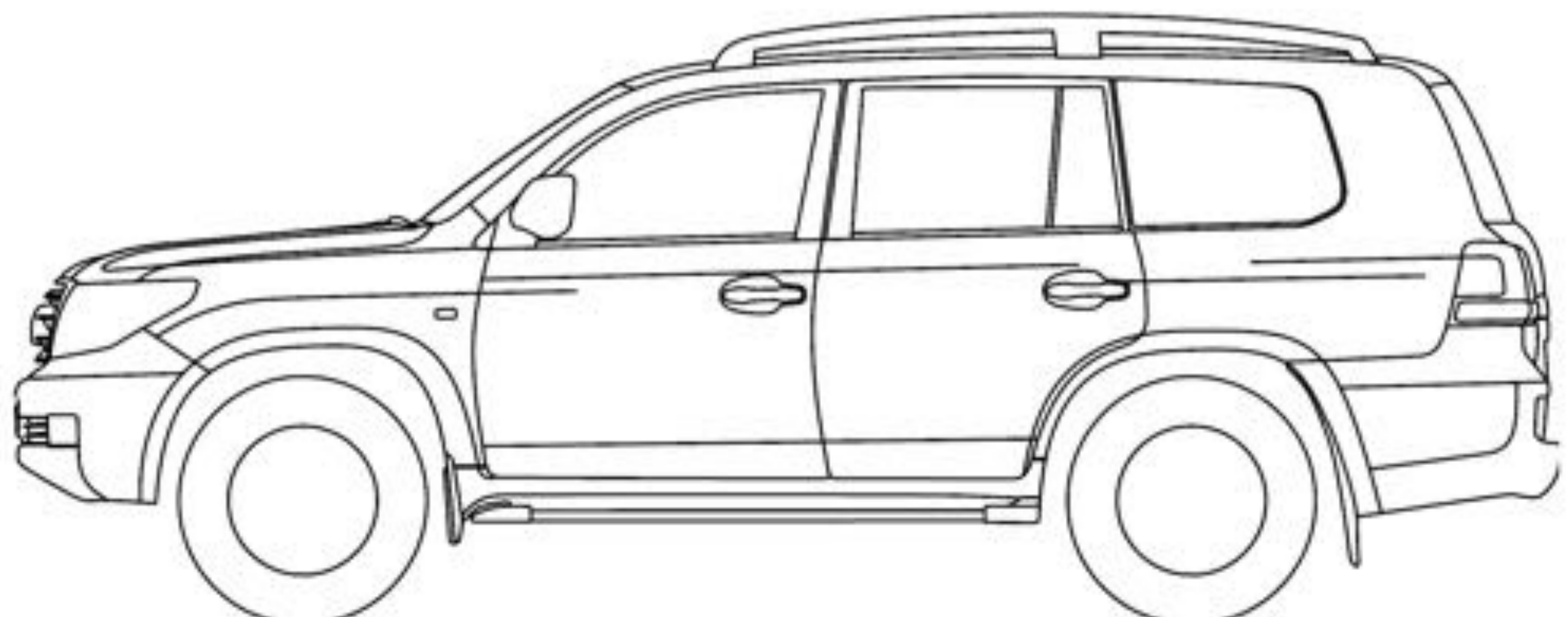
RADIO

Motorola XPR4350*
Maxon MDM4000 Repeater*

*Selection of radio and repeater options available to meet end-user requirements

SEATING

The vehicle can safely accommodate 5 passengers for crewed operation



PARTNERS

SILVUS
TECHNOLOGIES

peplink

goTenna

ICOM

MOTOROLA

VIKING

GARMIN

