

# Portable Systems



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The innovative portable antenna systems are designed for transportation to any global site, with prompt setup times unique to their trailer based all-in-one design. The RF and Servo system of the antennas are not modified by the trailer mount, and the systems come with all appropriate road worthiness certifications and can be used with standard HGV coupling.

- Highly Mobile
- Rapid Deployment
- Levelling Jacks
- Road Legal
- Multi Frequency
- Range of Reflector Sizes
- Fully Autonomous Options
- Immediate Deployment
- Modular Design
- Integrated RF Equipment

If required, space is provided for Client supplied equipment in the RF racks. These systems are ideal for rapid deployment scenarios, and can be tailored to suit your needs. *(SUV Trailer Model Shown)*



## Features

- » Lightning Protection
- » Heaters/ Air Conditioning
- » Tarpaulin Cover
- » Aircraft Transportable
- » Solid/Petalled Reflector
- » Ancillaries Storage
- » Operation Cabins
- » Automatic Levelling
- » Autotrack

## Specifications

MECHANICAL	
Antenna Size	Type 1 to Type 5 (1.0m to 7.3m)
Antenna Power Supply	Single phase- Antenna Dependent
Trailer Size	4m to 13.5m
Trailer Gross Weight (Plated)	2700kg to 20000kg
RF	
Frequency Range	L, S, X, C, Ku, Ka, and Q-Band
ENVIRONMENTAL	
Wind Speed	90km/h wind (Operational) 200km/h wind (Survival)
Temperature	-40°C—+50°C (Operational) -45°C—+60°C (Survival)
Humidity	100% Relative Humidity
Driving Rain	Up to 10cm/hr
SOFTWARE	
<b>Monitoring &amp; Control Software</b> Providing local and remote operation of the Antenna, using multi-mission satellite scheduling using TLE or direct input or manual or using AutoTracking Software. The antenna system will have motorized automatic tracking with the capability to track LEO, MEO and GEO Satellites.	
<b>AutoTracking Software</b> Utilizes received signal strength to optimize signal reception on any frequency band, improving pointing error to better than 0.025 degree rms.	



## Contact

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## About Comtech

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