

DEFENSE AND SPACE

Ranger Flyaway Terminals



AIRBUS

Ranger Flyaway Terminals

A True Family of Terminals

The Ranger family of terminals seamlessly integrates with multi-orbit constellations, powered by our advanced satellite terminal ground systems. This innovative approach unlocks significant benefits, streamlining training, enhancing logistics sustainment, and optimizing SWaP-C (Size, Weight, Power, and Cost). This future-proof solution ensures operational resilience and adaptability to evolving needs, making it ideal for organizations seeking to optimize their satellite infrastructure.

Industry-Leading EIRP

Ensure mission success with Ranger terminals, the industry leader in EIRP and world-renowned for their unwavering reliability.

Unmatched Adaptability through Modular Design

The Ranger Family of Terminals boasts exceptional modularity, enabling extensive customization to meet your unique mission needs. Over 75% of components at the Line Replaceable Unit (LRU) level are interoperable, significantly reducing logistical burden compared to traditional options.

Durable and Lightweight

The components in Ranger terminals are both durable and lightweight, ensuring a high level of mobility and product longevity. The reflector is made from a carbon fiber composite and features integrated machined fasteners for extra protection in even the most extreme environments.

Field Interchangeable Feed Booms

Ranger's modular feed booms seamlessly swap between C, X, Ku, and Ka-bands in seconds, saving space, time, and money.

World Class Sustainment and Support

Our highly-qualified Satcom specialists provide a comprehensive suite of training solutions including: on-site operator training, field-level maintenance training, and sustainment training, equipping your team with the necessary skills for optimal system utilization. Additionally, Airbus offers 24/7 expert phone support for immediate assistance, and a library of in-depth instructional videos is available online for ongoing learning and reference.

Quick & Easy Operation

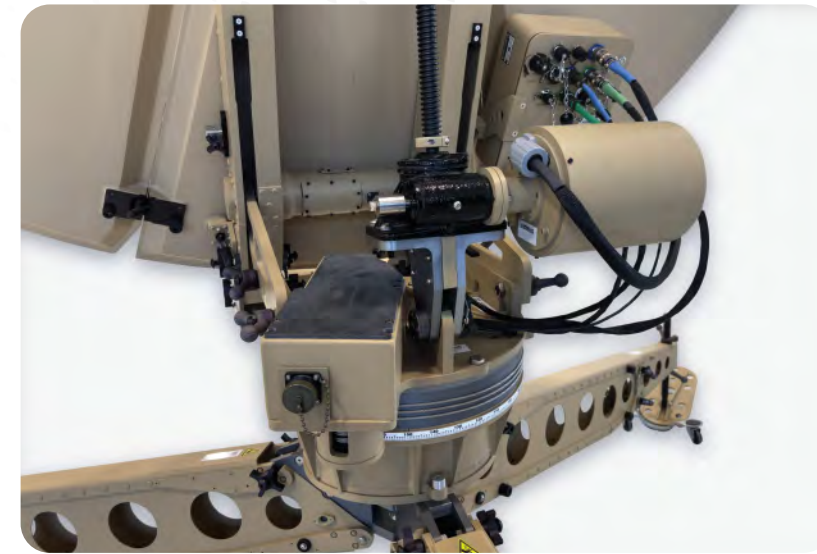
Focus on the mission, not the equipment. Ranger terminals are quick and easy to set up, with most configurations operational in under 10 minutes by a single person.

Strengths

- Industry-Leading EIRP
- 10 Minute Tool-less Assembly
- Integrated Feed Boom for Each Band (C, X, Ku, Ka)
- MIL-STD-188-164C Compliant
- Consistent Reliable Performance and High MBTF

Options

- WGS, DSCS, and SKYNET Configurations
- Global Xpress™ Interoperable
- VIASAT High-Capacity Ka-Band Capable
- SES mPower Cable Tracking System
- IATA Compliant Cases
- Inflatable Radome
- Tan, Green, White, Gray, and Camouflage Reflector System Colors



Ranger terminals feature motorized and non-motorized configurations.



The Ranger Pointing Assistant makes establishing a connection effortless. Operators just follow the on-screen arrows to locate the satellite. It is just that easy.



Rangers include customizable pack out configurations to meet your mission requirements.

Base Terminal



Ku

Feedbooms



X



Ka



Ranger 1000 (1m)

2 Cases



Ranger 1200 (1.2m)

2 Cases



Ranger 1500 (1.5m)

2-3 Cases



Ranger 1800 (1.8m)

3-4 Cases



Ranger 2400 (2.4m)

4-5 Cases



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