

Advanced Antenna Systems

For more than 40 years, CPI Malibu Division has focused on antenna and radar technology, evolving from a respected research house to a full-rate production manufacturer. Today, CPI Malibu Division provides advanced antenna systems for land, sea and air. CPI Malibu Division has a passion for innovation and a proven legacy on various unmanned platforms (VTOL and fixed-wing) and in protecting our warfighters with auto-tracking ground data terminals and dual mode SATCOM/LOS data link capabilities at sea. Our high-precision pedestals provide critical accuracy for systems designed from 1 – 100 GHz. From design-to-prototype-to-production, CPI Malibu Division has a full range of solutions and capabilities to meet your specific requirements.

For More Details Visit : www.cpii.com/malibu



Features:

- Available in X, Ku, Dual X and Ku Band
- 1.2 meter (4 ft.) Reflector
- Full Duplex-CDL Band
- Auto Tracking Feed Assembly

- Cassegrain Configuration
- Lightweight Pedestal Assembly
- MIL-STD-810F & 461E Compliant
- UDP/IP Command and Control Interface

Ground Based

Airborne

Shipboard

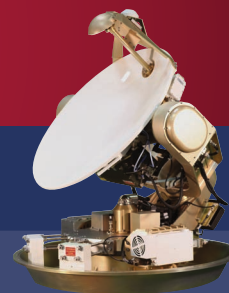


Advanced Antenna Systems
Telemetry Systems
Antenna Systems - Electronic Warfare
Antenna Systems - Refurbishment



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Features:

- Dual SATCOM/LOS Ku Band Antenna
- High Performance, IMU Stabilized 4-Axis Positioner for High Sea State Operation
- Supports Digital Communications:
 - Ship to Satellite
 - Ship to Aircraft/Helicopter
 - Ship to Ship
- Eutelsat (Mx) Certified
- Simple UDP/IP Control Interface
- Above Deck and Below Deck Equipment Including:
 - Power Supplies
 - Servo Amplifiers
 - Antenna Control Unit (ACU)
 - High Performance Radome

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Airborne

Shipboard



Advanced Antenna Systems:

- Directional Communications
- Telemetry
- Radar
- Electronic Warfare
- Crowd Control
- Retrofit
- Refurbishment



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Features:

- TCDL Frequencies - 14.4-15.35 GHz
- Gain: Up to 23 dBi
- Single and dual axis
- Slotted Waveguide Array
- Flexible Control Interfaces
- Low SWaP Design
- Ideal for Low Profile Radome
- Direct Drive (Both Axes)
- Brushless DC Motor
- RH Circular Polarization
- Installed on fixed wing and rotor craft UAVs
- Airborne Qualified:
 - Temperature
 - Vibration
 - Altitude

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