PointCast

**Reliable, Self-calibrating,
Self-pointing Motorised System**

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Contact info@pointcast.space for more details

POINTCAST

PointCast's auto-pointing antenna simplifies installation with a quick and effortless setup. It automatically configures itself to connect with selected satellites for rapid and high-speed connectivity. PointCast delivers reliable high-speed connectivity through efficient satellite acquisition, all at a competitive one-time cost.

FEATURES

Plug and Play for Effortless Installation

Minimal setup required: simply mount the system, plug it in, and the VSAT autonomously locks onto the satellite, eliminating the need for expert intervention.

Complete Remote & Local Control

Manage individual VSATs remotely through a centralized fleet manager or use the built-in web server for easy local adjustments.

Seamless Monitoring & Upgrades

- Integrated self-diagnostics and remote monitoring ensure real-time performance tracking.
- Remote software upgrades allow for effortless system updates.

Wide Satellite System Compatibility

PointCast supports a variety of VSAT dish sizes and is compatible with Geo, inclined Geo and Meo satellites, future-proofing your investment for evolving satellite technology.

Automated Realignment of Poorly Pointed Terminals

Automatically re-acquires and re-peaks after signal loss or degradation due to external factors such as unforeseen impact on the VSAT, severe weather, earthquake or shifting foundations.

Fast and Affordable Repairs with Commercial Off-The-Shelf (COTS) Parts

Built in readily available commercial off the shelf (COTS) for reliability, parts availability and affordability.

Flexible Satellite Repointing

- Remotely trigger repointing to another satellite, even with different frequencies.
- Automated backup repointing steers the system to a backup satellite in the event of a satellite anomaly.

Elevating VSAT Performance with Precision & Reliability

PointCast outperforms manually pointed VSAT terminals by delivering 1 to 2 dB stronger signals, boosting spectral efficiency, service availability, and reliable connectivity across networks.

Autonomous safety stowage

Automatically stows the dish in a safer flat position during adverse weather conditions, such as high winds, then autonomously repoints once conditions stabilize, minimizing down time and possible damage.

Compliant Software and Hardware

Designed and produced in Singapore, featuring US-compliant for hardware for quality assurance.

Simplified System Design

Leverages the existing traffic carrier signal for communication and control, eliminating the need for an external tone carrier, reducing system complexity.

Ready for IoT Integration

Supports external IoT sensors, enabling future-proof functionality and expanded use cases.

BENEFITS

Maximize Signal Efficiency

With automatic satellite acquisition and real-time adjustments, PointCast consistently achieves 10% higher Es/No compared to manual setups, optimizing bandwidth usage.

Maintain Peak Performance

Maintains precise pointing at all times, preventing degradation in VSAT alignment and ensuring long-term reliability.

Faster Deployment in All Conditions

Enables installation and VSAT peaking even in light rain, accelerating deployment timelines and minimizing delays.

Effortless Installation for Everyone

PointCast's user-friendly setup simplifies mass deployment, making it perfect for rapid self-installation in remote locations without the need for a large team of installers.

WIDE CHOICE OF CONFIGURATION TO SUIT YOUR NEEDS

