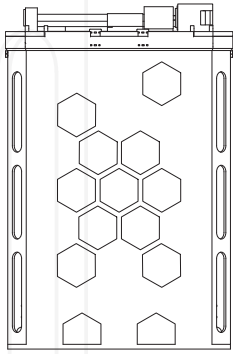




HYPERION™ POCKETQUBE DEPLOYER

Reliable Deployment for PocketQube Missions

Designed for dependable release of PocketQube-class spacecraft, the Hyperion deployer combines mechanical simplicity with flight-minded reliability. Built by engineers experienced in spacecraft development and launch integration, Hyperion provides a robust solution for missions requiring compact, repeatable satellite deployment.



KEY BENEFITS

- Supports 1P, 1.5P, 2P, 3P, and 6P (2×3) PocketQube formats
- Compact, lightweight structure at 600 grams total mass
- Spring-actuated door system using constant-force deployment
- 12V electrical trigger interface compatible with standard spacecraft buses
- 120° door opening ensures clean satellite release
- Supports spacecraft stacks up to 750 grams total mass
- Flexible mounting — supports axial or radial orientations
- Designed for consistent, repeatable deployment performance
- Simplified electrical integration and pre-launch verification
- Developed by engineers with hands-on small satellite mission experience

PRODUCT DESCRIPTION

The Hyperion PocketQube Deployer is a compact, mechanically robust deployment system engineered to reliably release PocketQube-class satellites in orbital missions. The deployer utilizes a spring-actuated door system driven by a constant-force spring, producing a predictable deployment velocity of approximately 1 meter per second. Triggered by a standard 12V electrical command, Hyperion delivers reliable mechanical actuation while maintaining design simplicity.

Supporting configurations from 1P through 6P PocketQube formats, Hyperion enables both single-satellite missions and multi-spacecraft deployments within a compact mechanical envelope. The system is designed to integrate easily into spacecraft buses and launch vehicle payload stacks, allowing mission teams to validate deployment readiness prior to launch. Its flexible mounting geometry supports both axial and radial installation orientations, providing mission designers with added integration flexibility.

AVAILABILITY

Initial Production Units — Shipping Soon

Hyperion deployers are entering early production, with limited units available for near-term integration and mission scheduling.

Early Integration Pricing:
\$4,000 per unit¹

Standard Unit Price:
\$5,500 per unit²

Contact:
sales@quub.space
www.quub.space

1 - Limited early units

2 - Custom configurations and integrations are available.

TECHNICAL SPECIFICATIONS

Supported Satellite Formats:	1P, 1.5P, 2P, 3P, and 6P (2×3)
Maximum Payload Mass:	1000 grams total
Total Deployer Mass:	600 grams
External Dimensions (mm):	192 (w) × 108 (d) × 279 (h)
Deployment Method:	Spring-actuated door
Spring Type:	Constant-force spring
Deployment Velocity:	~1 meter per second
Door Opening Angle:	120°
Activation Method:	Electrical trigger
Electrical Interface:	12V command input
Mounting Orientation:	Axial or radial
Structural Materials:	3D composite components
Integration Concept:	Command-triggered deployment

HYPERION

PocketQube
Deployer

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Actual size of deployer (1:1 scale).

