

RAMI

Reliable and Advanced Mission Injector



Ver.A, Rev.0

RAMI provides an advanced satellite deployer with multiple actuator redundancies, as well as redundant actuation lines. It also provides an optional interface to charge the satellite batteries and communicate with it while integrated, being on ground or in-orbit prior to its release.



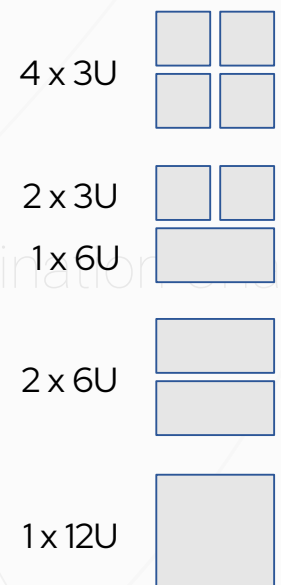
Highlighted Features

- X⁺ Multiple actuator redundancies
- X⁺ Exceeds the Standard providing extra large additional side volume of up to 20 mm, the best in class
- X⁺ Provides communications and power supply to the CubeSats while integrated (optional)
- X⁺ ITAR/EAR Free design

Technical Specifications

Product name	RAMI - Reliable and Advanced Mission Injector
Bay configuration options	1x12U, 2x6U, 1x6U + 2x3U, 4x3U
Standard CubeSat dimensions supported	0.25U, 0.5U, 1U, 1.5U, 2U, 3U, 6U, 12U
Maximum CubeSat side protrusions	15 mm nominal, and up to 20 mm
Number of "Tuna can" available	up to 5
Maximum payload mass	24 kg
External dimensions (w, h, d)	285mm x 295mm x 470mm
Deployer weight/mass	< 7.0 kg
Deployment actuators	Resettable, non-pyrotechnic with triple redundancy
Mechanical fixation	Standard for cantilever and horizontal mounting
Qualification levels	NASA GEVS (14.1 Grms for random)

Bay Options



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