



# ALISIO-1

Advanced Land-Imaging Satellite  
for Infrared Observations



Credit: Open Cosmos

## PAYLOADS

**DRAGO-2:** Compact uncooled  
SWIR camera.



Laser Optical  
Communications Module:  
Bidirectional transmission  
of images and information.

Credit: IAC/D.López

Ready to launch: Q3 2023

## DRAGO-2 SPECIFICATIONS (@500 km orbit)

Observable bands	1.1 $\mu\text{m}$ , 1.6 $\mu\text{m}$ (SWIR)
GSD	50 m/pix
Swath	32 km
SNR	> 100 (albedo > 0.2)
Power	< 5.5 W
Size	9.6 x 9.6 x 17 cm
Weight	1.16 kg

DRAGO-2 image performance simulation. Expected view of the farmlands of Southern Tenerife island. Created using data from Sentinel-2.



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