



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 μm , 1.6 μm (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.



<https://www.iac.es/en/projects/iactec-space>

info.iactec@iac.es

