



DRAGO-3

Demonstrator for Remote Analysis of Ground Observations

DRAGO-3 is the third-generation instrument in the DRAGO family of space cameras developed by the IAC for Earth observation in the shortwave infrared (SWIR) spectrum. Building on the success of **DRAGO-1** and **DRAGO-2**, this new version includes a greater number of spectral bands and offers significant enhancements in resolution, sensitivity, and efficiency, along with a modular design tailored for integration into future satellite constellations.

PHYSICAL	Mono	Duo
Mass (kg)	~3	~5.5
Evelope (mm)	100x100x260	210x100x260
ELECTRONICS		
Power (W)	5.7	6
Input Voltage (V)	5 to 16	
DATA		
Main I/F	PUS-C over SpaceWire	
Backup I/F	SPI / CAN / RS-422 (TBC)	
PERFORMANCE		
GSD (m) @ 500 km	11	
Swath (km) @ 500 km	14	25
Bands (nm)	945 / 1030 / 1380 / 1610	
SNR	>60	