Products (for Space)

Radiation Tolerant Earth Observation Color Full CIS Camera



Applications

- Observing Earth from orbiting satellites
- Onboarded on JAXA technology demonstration satellite RAISE-4, and currently observing the Earth from orbit.

Features

- CMOS sensor co-developed with JAXA
- High radiation tolerance(Over 3kGy)
- Lens Non-browning
- High quality color camera system

Camera	CMOS Sensor	Resolution	1024x1024
	Picture Image	Color	
	Radiation Tolerance	Over 3 kGy	
	Radiation Dose Rate	Heavy ion irradiation test and proton irradiation test completed.(Standards for Satellite Equipment)	
	Lens	Non-Browning Lens	
		Telephoto Lens（focal length 200mm）	
	Diameter	90x100x320 mm （Length, Width, Height）	
	Weight	4.0kg	
	Image signal output data rate	1M bps	
	Power Consumption	< 4W	

There is an article introducing this camera at the URL below, please check it out.
(Unfortunately, the article is described in Japanese)

JAXA HP
https://www.kenkai.jaxa.jp/kakushin/interview/04/interview04_09.html

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Note : Specifications are subject to change without notice.
This Product subject to the Export Trade Control Order.