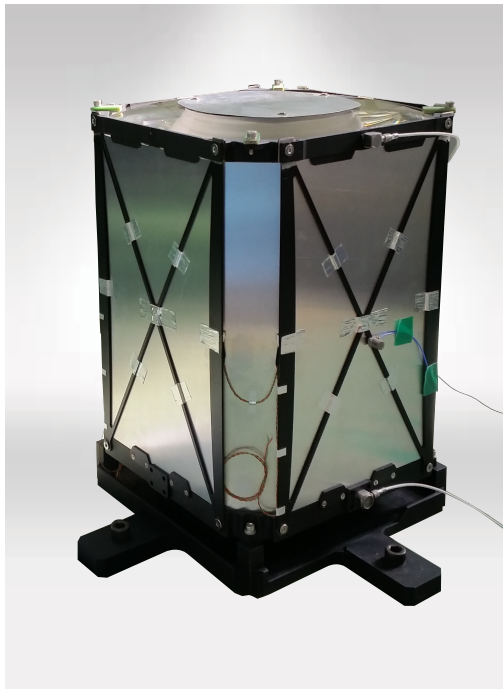


Datasheet

250mm Camera



Our 250mm Camera is capable of in-orbit configurable GSD up to 2.5m and spectral bands up to 4 bands. Developed as a payload of 16U CubeSat, Ultra-compact telescope can be used for Earth observation and for space observation.

SPECIFICATIONS

Dimensions (maximum)	234 x 234 x 407 (±1) mm
Mass	< 6 kg
Operating conditions	-50°C ~ +50°C, vacuum
Power	~15W

GSD @ 600km	2.5 m
Swath width @ 600km	25 km (50 km with CMOS)
Aperture (Square)	250 mm - equal
Field of View	3°
Focal length	745 mm

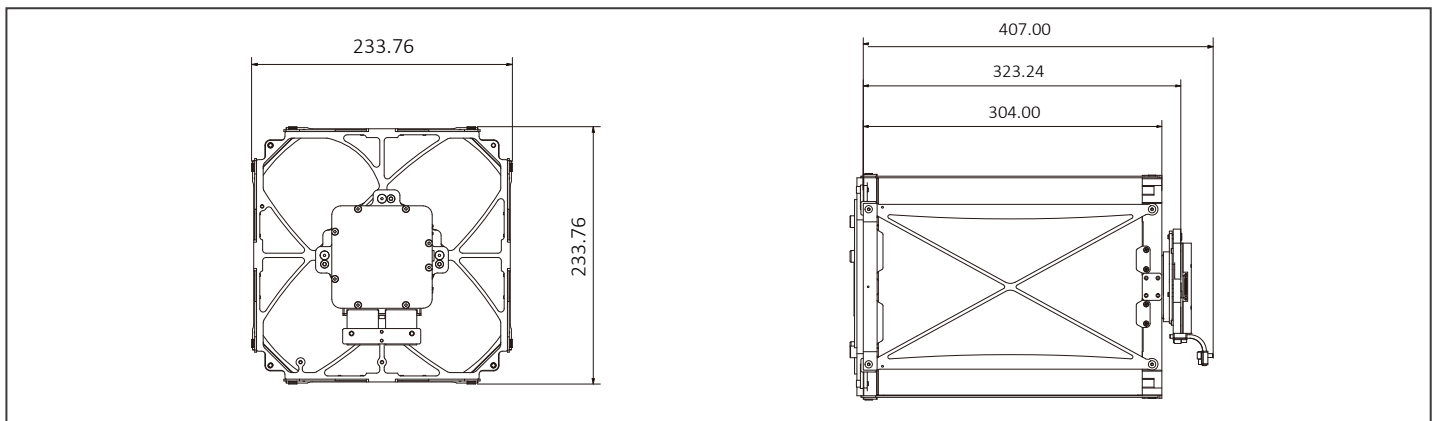
Sensor size (TDI)	17824 x 256 (256 stages)
Photometric resolution	8 / 10 / 12 bit
Spectral band	PAN

Sensor size (CMOS)	12620 x 7080
Photometric resolution	8 / 10 / 12 bit
Spectral band	Up to 8 bands as customer's request (PAN or Multispectral)

Data interface	Gigabit Ethernet / LVDS
Control interface	RS232 / RS422 / RS485 / CAN

FEATURES

- Monochrome and RGB types
- TTL trigger
- Compact size
- Dataline LVDS or Gigabit Ethernet
- CMD line RS232/CAN
- Optimized for high resolution change detection



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