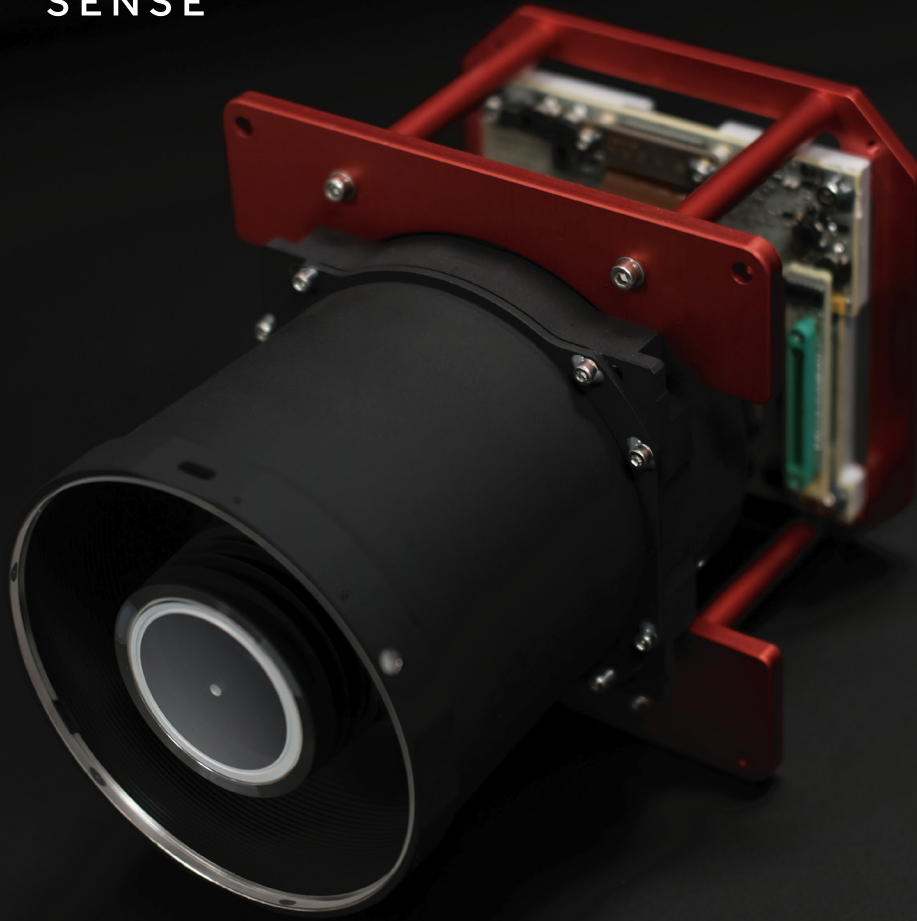


SIMERA
SENSE



xScape100 Product Range

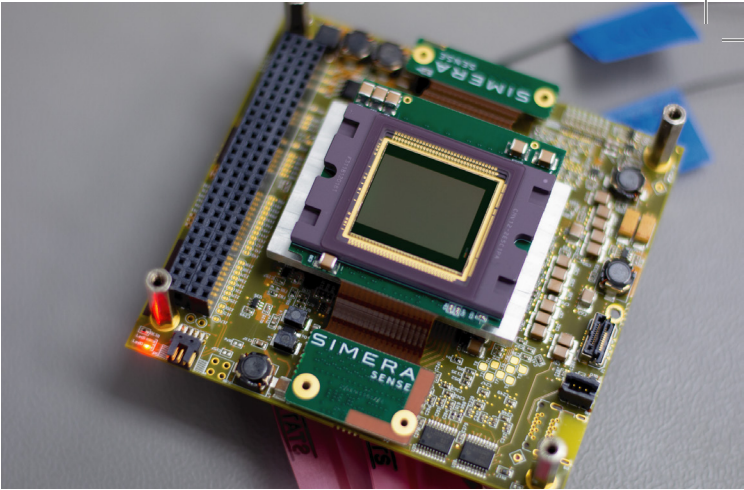
High-performance earth observation optical
payload solutions for compact nanosatellites.

4.75 m
GSD AT 500 km

19.4 km
SWATH AT 500 km

1.5U
VOLUME

www.simera-sense.com



Specifications

	TriScape100	MultiScape100 CIS	HyperScape100
Configuration	Snapshot/Video	Push Broom	Push Broom
Focal Length	580 mm	580 mm	580 mm
Aperture Diameter	95 mm	95 mm	95 mm
GSD @ 500 km	4.75 m	4.75 m	4.75 m
SWATH @ 500 km	19.4 km	19.4 km	19.4 km
Digital TDI	N/A	Up to 32 stages	Up to 10 stages
Bit Depth	10 bit	12 bit	12 bit
Spectral Bands	RGB Bayer Pattern	7 Bands VNIR	32 Bands VNIR
Spectral Range	450 - 670 nm	450 - 900 nm	450 - 900 nm
Power Consumption (Typical)	7 Watt	7 Watt	7 Watt
Mass	1.2 kg	1.2 kg	1.2 kg
Volume	98 x 98 x 176 mm	98 x 98 x 176 mm	98 x 98 x 176 mm
Operating Temperature	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C

Disclaimer: Information subject to change without notice.