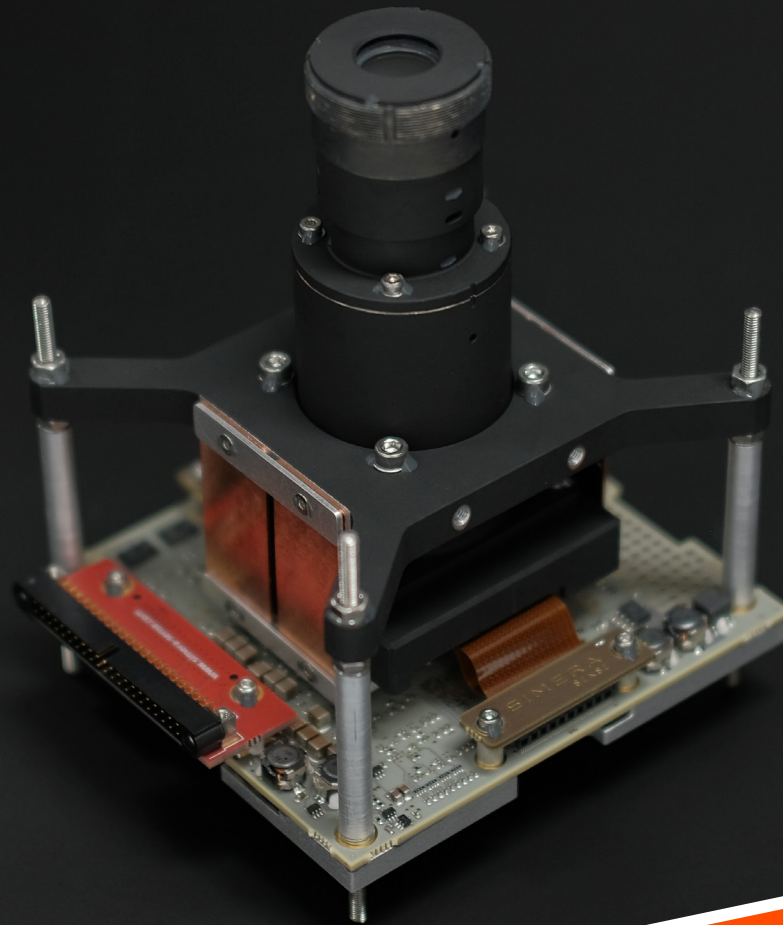


SIMERA
SENSE



xScape50 Product Range

Wide-angle imager solutions for more frequent
earth observation cover using Nanosatellites.

30 m

GSD AT 500 km

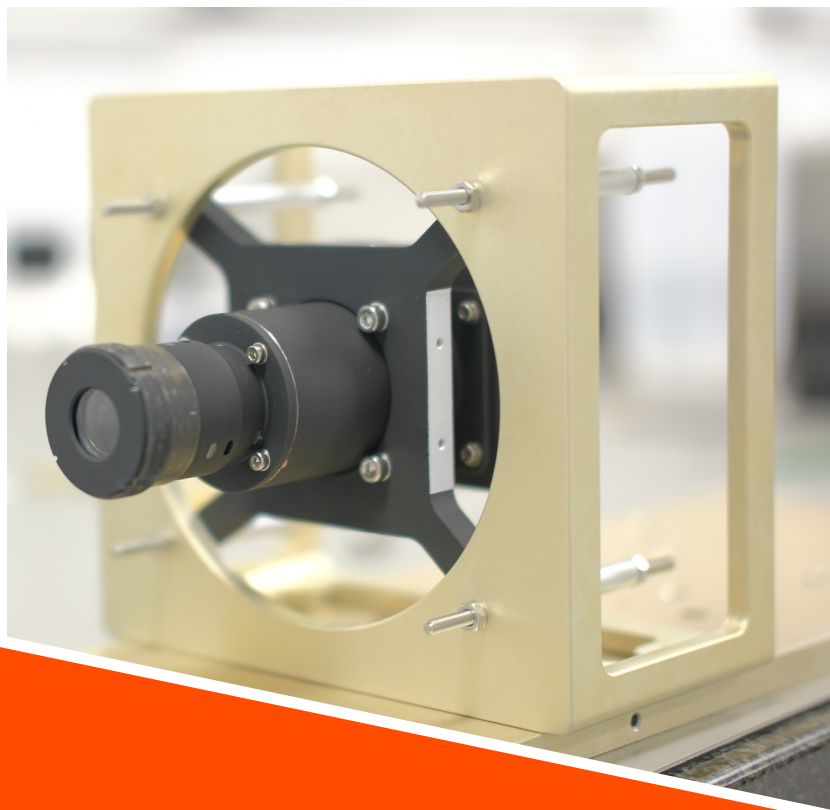
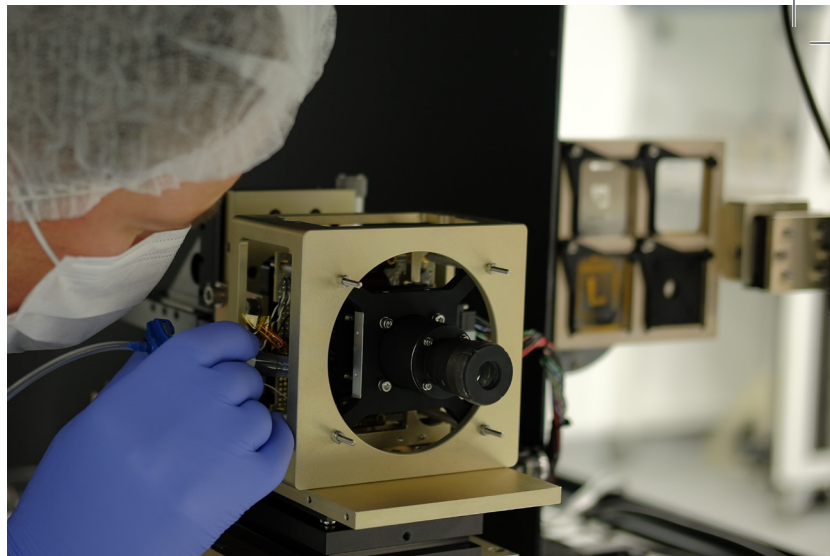
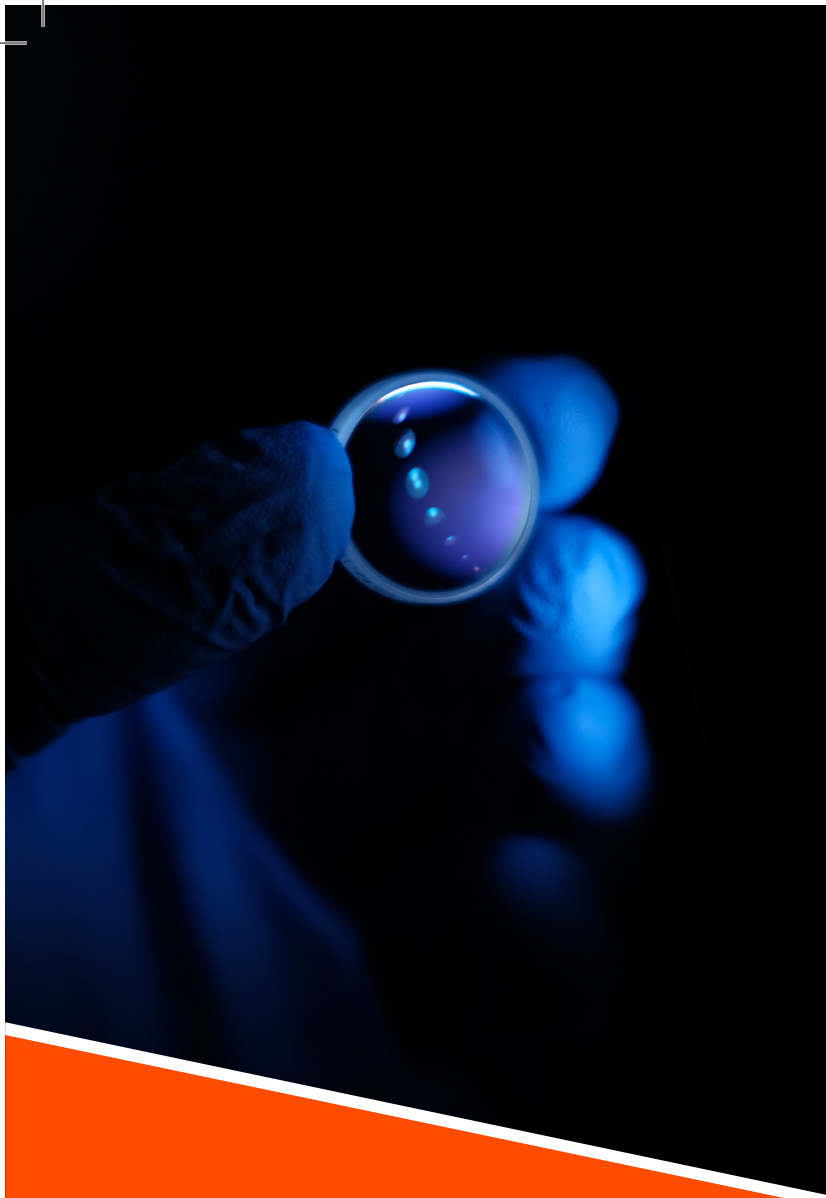
120 km

SWATH AT 500 km

1U

VOLUME

www.simera-sense.com



Specifications

	TriScape50	MultiScape50	HyperScape50
Configuration	Snapshot/Video	Push Broom	Push Broom
Focal Lenght	93.9 mm	93.9 mm	93.9 mm
Aperture Diameter	11.75 mm	11.75 mm	11.75 mm
GSD @ 500 km	29.3 m	29.3 m	29.3 m
SWATH @ 500 km	120 km	120 km	120 km
Digital TDI Stages	N/A	Up to 32 stages	Up to 10 stages
Bit Depth	10 bit	12 bit	12 bit
Spectral Bands	RGB Bayer Pattern	8 Bands VNIR	32 Bands VNIR
Spectral Range	450 - 670 nm	450 - 900 nm	450 - 900 nm
Power Consumption (Typical)	5.3 Watt	5.5 Watt	7 Watt
Mass	0.45 kg	0.45 kg	0.45 kg
Volume	96 x 90 x 119.5 mm	96 x 90 x 119.5 mm	96 x 90 x 119.5 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.