

SuperView Neo-3

50 cm Resolution
8 MS bands
130 km swath
High Agility



Launch 2024



50cm



PAN + RGB-NIR1,NIR2,Red
Edge, Coastal



130 km swath at Nadir



Stereo

Technical Specs

Mission life	8 years
Orbit	LEO Orbit Type: SSO Orbital Period: 94.470 min Altitude:500 km
Resolution (at nadir)	Imagery at 50 cm
Sensor bands	Panchromatic: 450mm-800mm Blue:450mm-520nm Red: 630mm-690nm NIR1: 770nm-B90nm Yellow:585m-625mm Red-Edge: 705m-745nm Green: 520mm 590nm Coastal Blue:400mm-450nm NIR2: 860mm-1040nm
Swath width (at nadir)	130 km
Dynamic range at imaging	12 bits
Revisit capacity	1-3 days
Imaging modes	Continuous strip imaging Simultaneous Multi-Point Imaging
Accuracy	10m (CE90)



Superview Neo-1

i



Launch 2022



30cm



PAN + RGB-NIR



Daily Revisit



16 satellites



12km swath at Nadir



Stereo

Technical Specs

Mission life	6 years	
Launch time	April 29, 2022	
Orbit	Sun-synchronous	
	10:30 am descending node 500 km altitude	
	778 km altitude	
Resolution (at nadir)	98.5° inclination angle	
	Panchromatic: 30 cm	
	Multispectral: 1.2 m	
Sensor Name	PMS-3	
Sensor bands	Panchromatic (450-700nm)	Red (630-690nm)
	Blue (450-520nm)	NIR (770-890nm)
	Green (520-590nm)	
Swath width (at nadir)	12 km	
Dynamic range at imaging	11 bits	
NIIRS Class	6.0	
Oblique viewing angle	±30° (normal)	
	±45° (extended)	
Revisit capacity	Daily	
Imaging modes	Multi-target	
	Multi-strip	
	Stereo	
Imaging capacity	Corridor collection on one single pass	
	1,500,000 km ² (max capacity)	
Max acquisition for single target	60 km × 90 km	

30 cm Resolution
4 MS bands
Stereo Imaging
High Agility



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Superview 2

42 cm Resolution
6 MS Bands
Stereo Imaging
High Agility



Launch 2020



42cm



PAN + RGB-NIR + RedEdge



Revisit 1.5 days



1 satellite



15km swath at Nadir



Bi and Tri Stereo

Technical Specs

Mission life	8 years	
Weight	2400 kg	
Launch time	July 3, 2020	
Orbit	Sun-synchronous 10:30 am descending node 643.8 km altitude 97.96° inclination angle	
Resolution (at nadir)	Panchromatic: 42 cm Multispectral: 1.68 m	
Sensor bands	Panchromatic (450-900nm) Red-Edge (705-745nm)* Blue (450-520nm) NIR-1 (770-890nm) Green (520-590nm) NIR-2 (860-1040 nm)* Red (630-690nm)	
Swath width (at nadir)	15 km	
Swath Angle	30° off nadir	
Dynamic range at imaging	12 bits	
Revisit capacity	1.5 days	
Imaging modes	Long-strip Multi-target Multi-angle at one target Multi-strip Bi-/tri-stereo, Along/not-along track collection in one single pass	



Superview 1

i



Launch 2016 & 2018



50cm | 2m



PAN + RGB-NIR



Daily Revisit



4 satellites



12km swath at Nadir



Stereo

Technical Specs

Mission life	8 years	
Launch time	SV-1A&B: Dec. 28, 2016 SV-1C&D: Jan. 9, 2018,	
Orbit	Sun-synchronous 10:30 am descending node 530 km altitude 97.489° inclination angle	
Resolution (at nadir)	Panchromatic: 50 cm Multispectral: 2 m	
Sensor bands	Panchromatic (450-900nm) Blue (450-520nm) Green (520-590nm)	Red (630-690nm) NIR (770-890nm)
Swath width (at nadir)	12 km	
Dynamic range at imaging	11 bits	
NIIRS Class	6.0	
Oblique viewing angle	±30° (normal) ±45° (extended)	
Revisit capacity	Daily	
Imaging modes	Multi-target Multi-strip Stereo Corridor collection on one single pass	
Imaging capacity	1,500,000 km ² (max capacity)	
Max acquisition for single target	60 km × 90 km	

4 Satellites

50 cm Resolution

4 MS bands

Stereo Imaging

Agility

