

COSMO-SkyMed

The first radar constellation for operational applications and services

Constellation of 4 radar satellites

Active array X Band antenna with steerable beam

High geo location accuracy with worldwide trusted GPS network

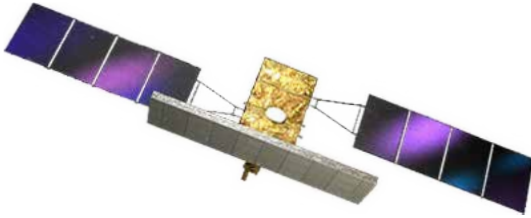
Orbit altitude (620 km)



AgilSpace is the authorised reseller for COSMO-SkyMed data.

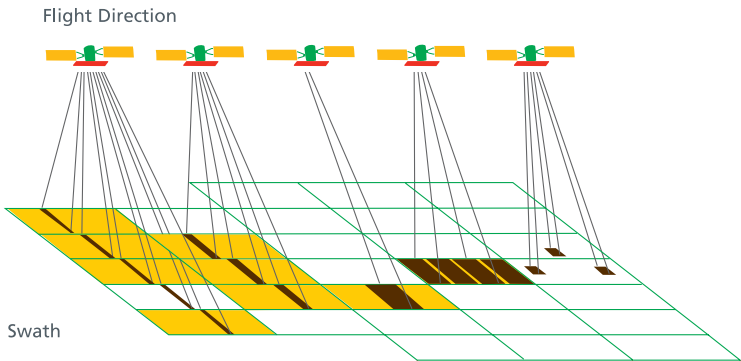


Technical Overview



COSMO-SkyMed

- Constellation of 4 radar satellites
- Orbit altitude (620 km)
- High revisit frequency
- Active array X Band antenna with steerable beam
- Wide bandwidth (400MHz)
- High geo location accuracy with worldwide trusted GPS network
- Wide incidence angle (20° - 59°)
- Right & left looking acquisition
- Large memory capacity (300 GB)



	Hugeregion	Wideregion	Himage	Pingpong	Mode-2
Resolution - Multi Look	100 m	30 m	5 m	20 m	
Single Look	13.5 x 38 m	13.5 x 23 m	3 m	15 m	1 m
Swath	200 km	100 km	40 km	30 km	10x10 km
Strip Length	2000 km	2000 km	2000 km	2000 km	
	ScanSAR		StripMap		Spotlight-2

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Note: All specifications are subject to change without notice.
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