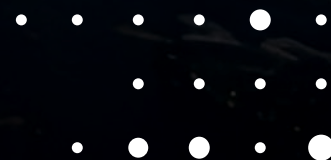




TecSAR XP

SAR observation satellite





TecSAR XP

SAR observation satellite

GENERAL

TecSAR XP is based on IAI's 40 years of space excellence, and more than 15 years in the SAR domain. TecSAR XP's powerful radar is based on the high-end TecSAR architecture and offers an outstanding cost/performance ratio. TecSAR XP's avionics and payload are based on IAI's extensive space heritage and proven space products, making it one of the best space imaging platforms to date.

CHARACTERISTICS

Resolution	Spot 0.30 m, 0.6 m, 1.0 m
Imaging Modes	Spot, Strip, Maritime Strips.
Polarization	Full polarization
Ground coverage (Footprint)	Spot size: 4 km x 5 km
Imaging capacity	40 spots per orbit
Look Angles	Min: 20°, Max: 49° (spot)
Storage	6 Tbit
Lifespan	7 years

HIGHLIGHTS

- Wide band radar for high SNR and effective detection in a single look mode
- Superior target access for high revisit
- High imaging throughput
- High maneuverability enables effective imaging of close targets
- Fast image acquisition cycle
- Compatible with a variety of launch vehicles

