

EROS C

ULTRA-HIGH

RESOLUTION SATELLITE

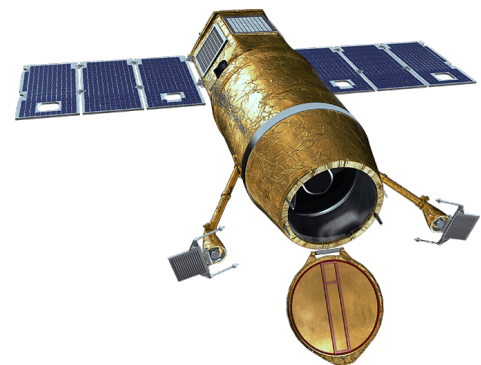
In today's military reality, intelligence gathering is based on speed, accuracy, and quality. Meet EROS-C- The next generation of remote sensing technology and the core of the EROS NG constellation one of the world's most powerful intelligence collection assets.

Designed to meet modern day's demanding operational challenges ,the EROS NG Constellation is comprised out of 3 proven and mature platforms providing 30cm resolution Ultra-Sharp imagery

IMAGING PARAMETERS

RESOLUTION	30 cm
SWATH	12.5 km
IMAGING PRODUCTS	Panchromatic, Multi spectral, Pan-sharpened.
IMAGING MODES	Spot, strip, mosaic, stereoscopic
SPECTRAL BAND	450-900 nm
SENSOR TYPE	Dual Redundant PAN cameras - CCD TDI SENSOR SENSOR TYPE- Dual redundant MS (R,G,B,NIR) camera – CMOS TDI SENSOR
SCANNING TYPE	Dimension - Broom
IMAGING SUNLIGHT CONDITIONS	Sun-over-horizon angle: > 10°
SAMPLING DEPTH	12 bits
SIZE	Height – 4.58m Width – 4.6m Ø – 1m
WEIGHT	400 kg

ADVANTAGES



- 30 CM RESOLUTION
- INCLINED ORBIT – UNMATCHED REVISIT & DIVERSIFIED IMAGING TIME
- UNIQUE WIDE SCAN CAPABILITY
- ULTIMATE CONFIDENTIALITY & SECURITY
- NO PREEMPTION \ SHUTTER CONTROL