LYNX MULTI-MODE RADAR
Increased Capability for Manned and Unmanned Missions
LYNX MULTI-MODE RADAR

FEATURES/BENEFITS
• High-resolution photographic quality SAR imagery
• Selectable resolution
• All-weather, day/night performance
• Combat-proven
• Change detection capability
• Claw payload control and exploitation ready
• Two LRU system (antenna and electronics module)
• Available modes
  – Synthetic Aperture Radar (SAR)
  – Spotlight
  – Stripmap SAR
  – Ground Moving Target Indicator (GMTI)
• Arc scan
• Spot scan
• Maritime search mode
• Designed for use on manned and unmanned systems
• Approved for export to NATO/coalition forces

TECHNICAL SPECIFICATIONS
• Total Weight: <37 kg (83 lb)
• Input Power: 28 VDC, 1 kW peak, 300W nominal
• Transmit Power: 320W peak
• Frequency: Ku-Band
• Cooling: Sealed conduction
• SAR Resolution: Very fine to 3m
• SAR Range: >80 km (50 mi)
• GMTI Range: 23 km (14 mi)
• Antenna (reflector) Size: 44.5 cm x 16.5 cm (17.5” x 6.5”)
• Electronic Module Size: 51.4 cm x 29.6 x 26.7 cm (20.2” x 11.6” x 10.5”)

OPERATIONAL USE WITH:
• U.S. Department of Homeland Security
• U.S. Air Force
• Royal Air Force
• Italian Air Force
• Iraqi Air Force

TECHNICAL SPECIFICATIONS
• Total Weight: <37 kg (83 lb)
• Input Power: 28 VDC, 1 kW peak, 300W nominal
• Transmit Power: 320W peak
• Frequency: Ku-Band
• Cooling: Sealed conduction
• SAR Resolution: Very fine to 3m
• SAR Range: >80 km (50 mi)
• GMTI Range: 23 km (14 mi)
• Antenna (reflector) Size: 44.5 cm x 16.5 cm (17.5” x 6.5”)
• Electronic Module Size: 51.4 cm x 29.6 x 26.7 cm (20.2” x 11.6” x 10.5”)

OPERATIONAL USE WITH:
• U.S. Department of Homeland Security
• U.S. Air Force
• Royal Air Force
• Italian Air Force
• Iraqi Air Force