



RADARS & LAND SYSTEMS

PROTECTING NATIONAL ASSETS AND SOVEREIGNTY



embraerds.com



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TECHNOLOGICAL INTEGRATION AND AUTONOMY.

Comprehensive, low-risk, and scalable radars & land systems solutions for territorial monitoring and protection, including Border Surveillance, Air Defense and ATC. Embraer offers proven, precise, reliable, and cost-effective solutions.

From portable radars to mobile shelters for diverse applications, such as ISR, communications and command & control, as well as COMINT sensors, C2 and C4I software, Embraer develops fully integrated and customizable solutions to meet each customer's specific needs, giving them complete autonomy and operational flexibility.

COAAE LOW ALTITUDE AIR DEFENSE

- Anti-Aircraft Artillery Operation Center
- VSHORAD Application
- MANPADS easy integration

ACCESS NODE TACTICAL COMMUNICATION VEHICLE

- Multiple communication technologies integrated on a single network
- High throughput
- Support to Soldiers, Vehicles and Fixed Stations

ISR-M RADAR AND LONG RANGE EO/IR INTEGRATED

Intelligence, Surveillance and Reconnaissance

M60 LOW ALTITUDE AIR DEFENSE

- 3D Radar
- Range 60 km (32NM)
- Integrated IFF

M200 VIGILANTE MEDIUM RANGE AIR DEFENSE SURVEILLANCE AND EARLY WARNING

- 3D Radar
- Active Electronically Scan
- Range 200 km (108NM)
- Integrated IFF

COMINT ESM STATION

- Radio Comm. Direction finding & Monitoring
- HF, VHF and UHF
- 20 MHZ (HF) and 80 MHZ (V/UHF)
- Modular wideband digital receiver
- AOA technology

COUNTER BATTERY (2024) COUNTER-BATTERY MULTI-MISSION

- 3D Radar
- Active Electronically Scan
- Range 80 km (43NM)

S200R AIR TRAFFIC CONTROL | IFF

- Monopulse Secondary Radar
- Range 200 NM
- Modes 1, 2, 3/A, C
- Provision Mode 4

M200 MULTI-MISSION (2024) MEDIUM ALTITUDE AIR DEFENSE MULTI-MISSION

- 3D Radar
- Active Electronically Scan
- 200 km range (108NM)
- Integrated IFF
- Multimode, simultaneous
- Weapon system guidance

MOBILE C2 CENTER MOBILE COMMAND AND CONTROL

- Network, VoIP and Video Conferencing
- IT features
- Access to Tactical and Strategic networks
- Brigade level and Unit level

M20 SURFACE SURVEILLANCE

- Range 20 km (light vehicle)
- Fixed, Mobile and Transportable Versions



SISFRON is one of the most extensive military programs in the world and aims to protect Brazil's borders, an extent of 16,886 kilometers (10,492 miles) between the country and ten neighbors, encompassing 10 States and 27% of the Brazilian territory. Embraer is responsible for SISFRON's deployment and integration, showing its strength and capacity to deliver solutions for the protection and defense of an entire country.

Use this QR Code to download the Radars & Land Systems brochure.



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