

T3D-ADR TYPE-2106NG



The logo for Safex, featuring a red curved line above the word "Safex" in a bold, black, sans-serif font.

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T3D-ADR TYPE-2106NG

■SFX-2106NG

General

The SFX-2106NG Tactical 3D Air Defense Radar can detect a wide variety of airborne platforms, including low altitude high-speed fighter aircraft, hovering helicopters, UAVs and low speed ultra-lights. The radar provides accurate range, azimuth and elevation angle measurements for each target, differentiating between fixed-wing aircraft and helicopters and classifying helicopters by rotor rotation rate. The radar can be used as a local air defense system, a gap filler radar complementing a main air defense system, or as a search radar in support of anti-aircraft weapon systems. The SFX-2106NG is currently in operation in numerous countries world-wide.

Features

- Automatic detection of airborne targets
- Track while scan of up to 60 targets
- Target detection velocity from 36 km/hour
- Operates 24/7 under all weather conditions
- Target classification
- Interoperability with anti-aircraft weapon systems
- Integrated with IFF (option)
- High reliability, extensive Built-in-Test
- High MTBF (1500 hr) and low MTTR (20 minutes)
- Easy to operate PC-based control unit and display
- Standard power source
- Fast and easy deployment (in less than 15 minutes)
- Fully transportable and can be installed on:
 - Quadripod or fixed towers
 - Shelters
 - Vehicles

Specifications

Detection Range:

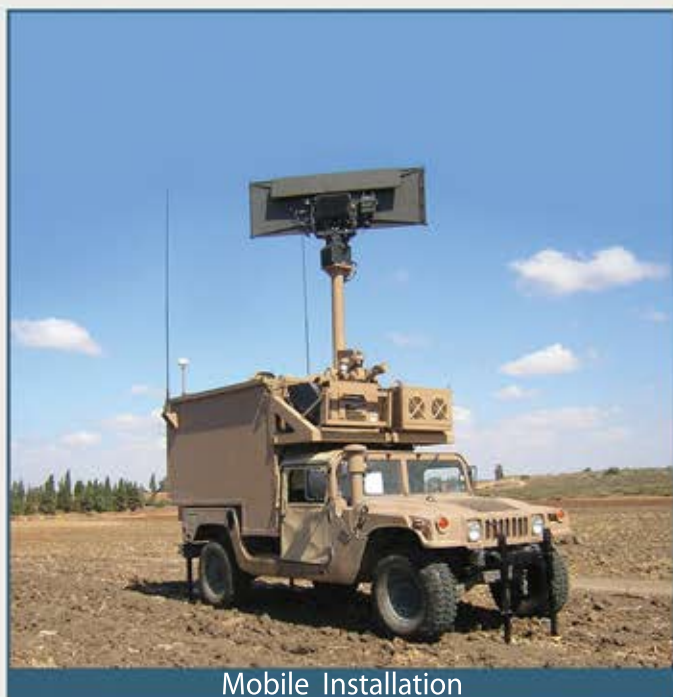
Instrumental	100 km
Fighter aircraft	40 - 60 km
Hovering helicopters	25 km
UAV	20 km

Accuracy:

Range	30 meters
Azimuth	0.5°
Elevation accuracy	2°

Operating Conditions:

System weight	170 kg (320 kg incl. carriage boxes)
Environmental conditions	MIL-STD-810F
EMC/EMI	MIL-STD-461C
Power requirements	20-32 Volts DC
Operational temperature	(-30, +50) °C



Mobile Installation



Mobile Installation

Safex

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