

FD-2 E_Scan Mid Range surveillance Radar

Features :

- FMCW technology is used
- Light weight, Compact radar
- E_Scan With High Reliability
- Detecting moving vehicles and personnel
- Low emission power
- All-weather 24 hours of work
- Strong rejection to ground clutter, Low false alarm rate
- Applicable to all kinds of terrain
- E_Scan is



Application field :

Battlefield surveillance
Oil pipeline and oil filed protection
Airport security, area protection
Border monitoring,
Homeland Security
Boundary monitoring
Personnel protection
Dam and reservoir monitoring
Compatible with electro-optical



XIAN FEIDA ELECTRONIC TECHNOLOGY CO.,LTD.

www.fdradar.com

Email: feida_radar@126.com

FD-2 Mid Range surveillance Radar

TECHNICAL SPECIFICATIONS

Detection Range:

Truck : 8Km(RCS=20m²)

Light Vehicle :5Km (RCS=10m²)

Person: 4Km (RCS=1m²)

Azimuth Coverage :90°

360°Coverage :FD-2 with 4 Antennas

Update rate: 10s

Detection Accuracy:

Range: 10m

Azimuth: 1°

Band: Ku

Bandwidth: 1500MHz

Antenna Beam Width:

Azimuth:5°

Elevation:20°

Antenna type:Planar Slotted Waveguide Antenna

Transmitter:Fully Solid State Transmitter

TX Output Power:10mW, 100mW, 1W, 2W (switchable, programmable)

Display:10" colored LCD, 1024×768

Interface: Ethernet/RS-232

Power supply:DC 24V

Power consumption:<40W

Dimensions:Radar Head:460×360×110mm

Display/Control Terminal:312×216×100mm

Weight: 20Kg



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www.fdradar.com Email: feida_radar@126.com

TEL:+862988339673 +8613992888943