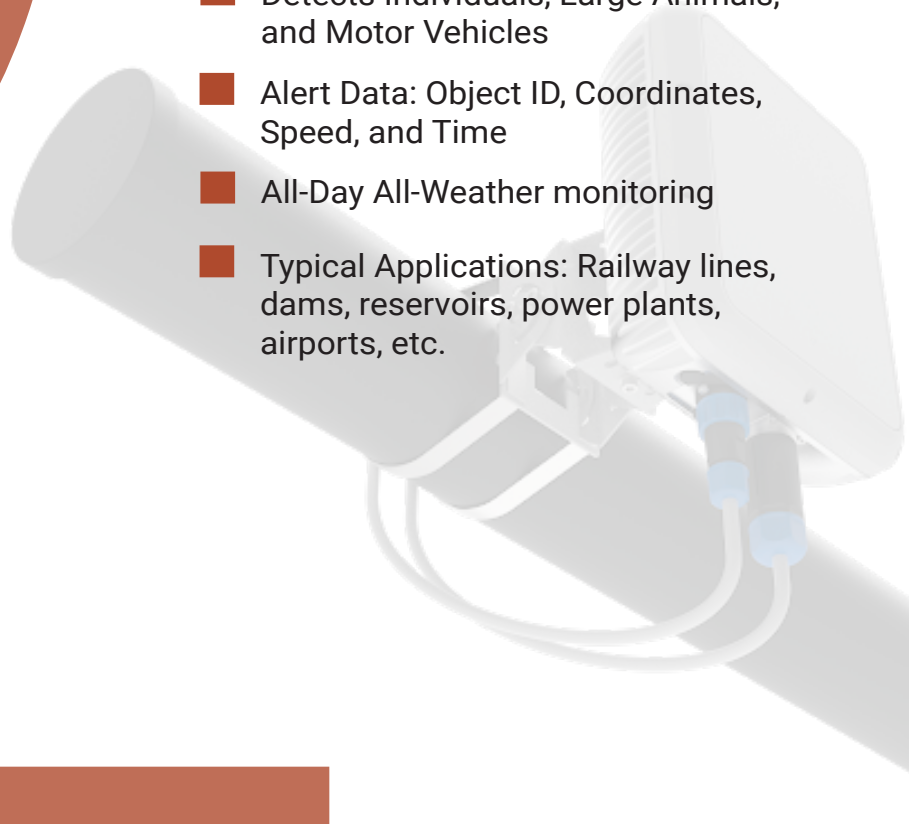


SHORT RANGE E BAND SECURITY RADAR

Tracks SRe

- High Resolution 4D Imaging Radar
- 12 Transmitters and 16 Receivers
- Large Intrusion Detection Area:
Vertically - Up to 300m (vehicles)
Horizontally - Up to 120 m (vehicles)
- Detects Individuals, Large Animals,
and Motor Vehicles
- Alert Data: Object ID, Coordinates,
Speed, and Time
- All-Day All-Weather monitoring
- Typical Applications: Railway lines,
dams, reservoirs, power plants,
airports, etc.



RADAR dynamix

TrackS SRe

PERFORMANCE	SPECIFICATIONS
Operating Frequency	80 Ghz
Detection Range	300 meters or 985 feet (vehicles)
Horizontal Field of View (Azimuth)	120 °
Vertical Field of View (Elevation)	28° (Near range) / 8° (Far range)
Range Accuracy	±0.2 m or 7.9 inches
Speed Accuracy	± 0.1kph (± 0.6 mph)
Range of Speed Coverage	- 250 up to +250 kph (-155 mph up to +155 mph)
Simultaneously Detected Targets	128 targets
EIRP Radiated Power	13 dbm
Refresh Rate	50 msec
MECHANICAL	
Dimensions (L x W x H)	252 mm x 200 mm x78 mm (9.92 " x 7.87" x 3.07")
Weight	3.2 kg or 7 lbs
GENERAL	
Operating Temperature	-40° to +70° Celsius or -40° to +158° Fahrenheit
Input Voltage	24 VDC (16 VDC to 36 VDC operating range)
Power Consumption	30 Watts
Protection Rating	IP 67
Communication Interface	R45 Ethernet

Please note that product specifications are subject to change and may not be fully reflected in this document. For the most up-to-date information, please contact us directly. Radar Dynamix assumes no responsibility or liability of any kind.

