

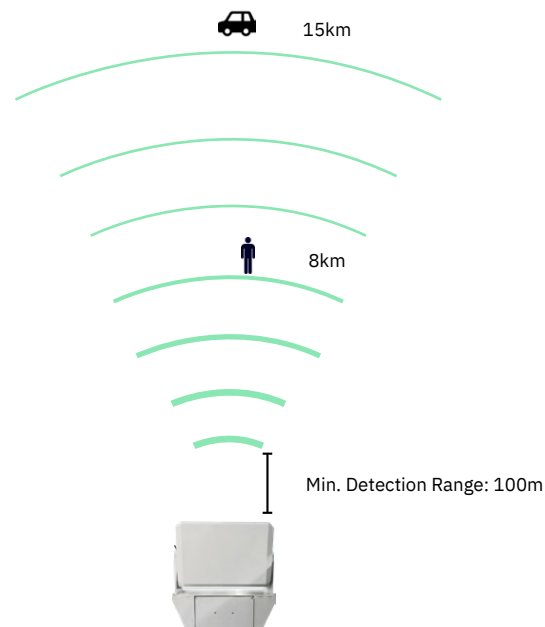


TV/GSR-805 GROUND SURVEILLANCE RADAR



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Technical Specifications	
Working system	Phased array system (<i>Azimuth phase scanning</i>)
Work pattern	Puls Doppler
Working frequency band	S bant (<i>5 working frequency points</i>)
Maximum range	≥8km (<i>Human</i>)
	≥15km (<i>Vehicle</i>)
Minimum detection distance	≤ 100m
Detection range	Azimuth Coverage: 30/45/90 (<i>Configurable</i>)
Detection speed	Elevation Coverage: ≥18 (<i>Adjustable range of center direction -12°~+12°</i>)
	0.5m/s-45m/s
Measurement accuracy	Distance Accuracy: ≤8m
	Azimuth Accuracy: ≤0.8°
	Speed Accuracy: ≤ 0.5m/s
Data rate	≥ 0.5 time / S
Data interface	RJ45, UDP
Power supply and power consumption	Power Consumption: ≤200W
	Power Supply: AC220V
Work environment	Working Temperature: -40°~60°;
	Storage Temperature: 45°~65°;
Outline dimension	650mm * 445mm * 217mm (<i>Phase Array</i>)
	724mm * 740mm * 240mm (<i>Whole machine</i>)
Weight	≤26kg (<i>Array</i>)
	≤45kg (<i>Whole machine</i>)



Note:
 1) Detection distance conditions: for pedestrians, vehicles (ships) or UAVs with radial speed not less than 0.5m/s, false alarm probability is 10-6, and detection probability is 0.8;
 2) With the corresponding power distribution control box, up to 4 arrays can be spliced to achieve 360° coverage.