SN-SMWR05S

Multi-Lane Traffic Speed Radar



Key Features

- The radar can measure the speed of up to 4 lanes.
- Wide speed measuring range between 5 to 250 km/h.
- Adjustable capture distance between 20 to 50 m.
- Up to 99% capture rate with advanced speed measuring technology.
- IP67 protection

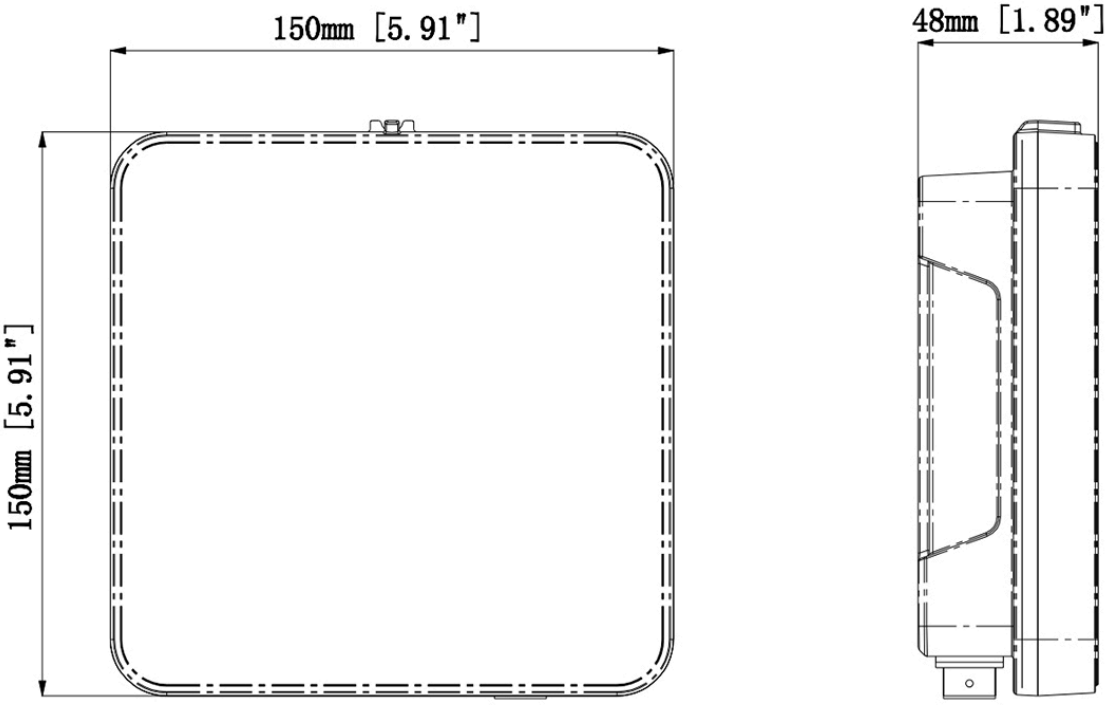
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Specifications

Radar	
Radar Type	FMCW (Frequency Modulated Continuous Wave)
Operating Frequency	24 GHz
Lane Coverage	Up to 4 lanes
Field of View (FoV)	Azimuth: 64°, Elevation: 16°
Detection Range	6–50 m
Capture Distance	20–50 m
Speed Measurement Range	5–250 km/h
Speed Measurement Accuracy	-2 to 0 km/h
Capture Rate	≥ 99%
Trigger Consistency	±0.5 m
Response Time	50 ms
Network	
Protocols	HTTP, DNS, NTP, TCP, UDP, DHCP, ARP, SSH
Interface	
Network Interface	1 × RJ45 (10/100/1000 Mbps)
RS-485	1
General	
Power Supply	9–28 VDC
Power Consumption	Max. 4.5 W
Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Operating Humidity	5%–95% RH
Ingress Protection	IP67
Material	Antenna panel: ABS + PC, Bottom shell: ADC12
Dimensions	150 × 150 × 48 mm (5.91 × 5.91 × 1.89 in)
Installation Height	Standard 6 m (adjustable 4 to 10 m)
Certifications	CE / RoHS / FCC / IEC 60068-2-11

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Dimensions (mm)



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