

# Hoplo Radar Tech Specs

Technical Specification	
Transmitter	79GHz FMCW
Input Voltage	9-32VDC
Current Draw	<.25A
Detection Range	0.05m to 30m
Azimuth FOV	Up to +/-75° (+10dBsm)
Vertical FOV	+/-12° (+10dBsm)
Protection Rating	IP69K
Vibration	Designed to exceed ISO16750 specifications
Shock	Designed to exceed ISO16750 specifications
Operating Temp	-40° C - +85° C
Storage Temp	-55° C - +105° C
Detection Time	<300mS
Sensor Connector	TE-1—77276-1 (Male)
Cable Connector	TE-1776286-1 (Female)
Communication	CAN J1939 compliant

Functional Specifications
High Resolution / Fast Detection Time
Detection Segment Reported (Left/Right/Center)
Three Objects Reported (Closest in each segment)
Five Detection Zones
On-Site Configurable (easy to use, ask for demo)
40 Objects tracked
Detects moving and static objects
Small Footprint for flexible mounting
Integrate with existing camera/monitor systems
Integrate with 3rd Party sensors

Specifications as of 02/2024; Subject to change

