

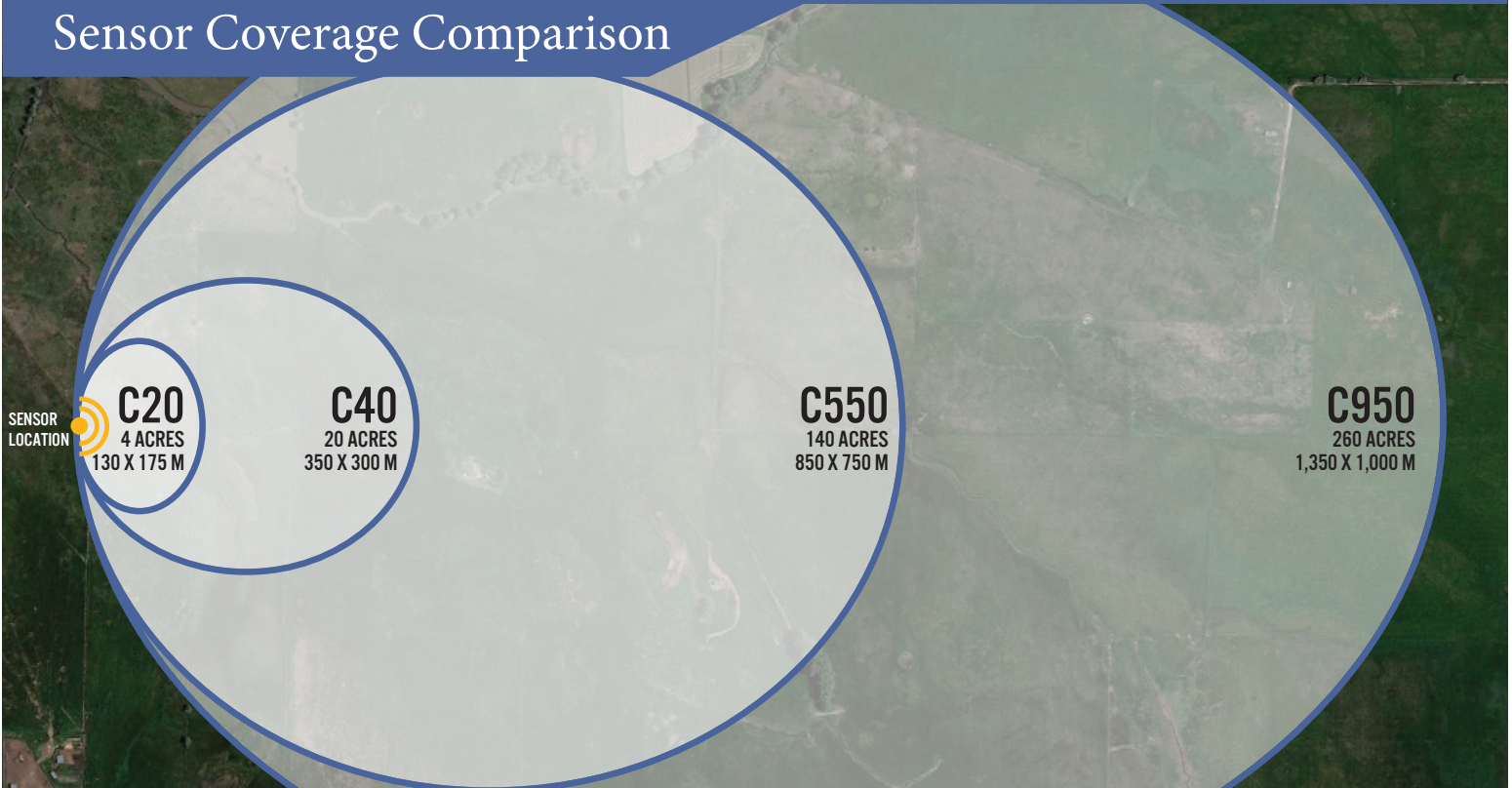
PROTECTION BEYOND FENCES



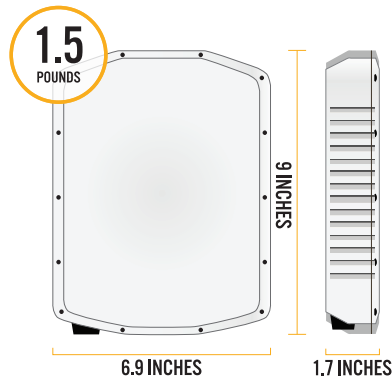
COMMERCIAL RADAR SERIES



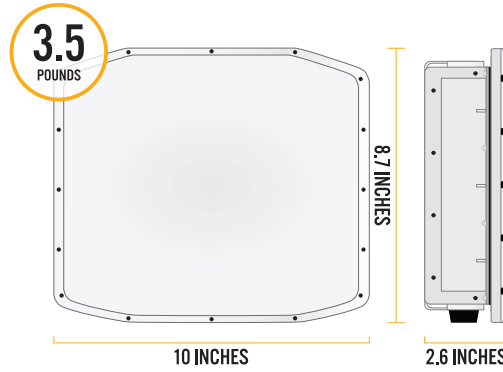
Sensor Coverage Comparison



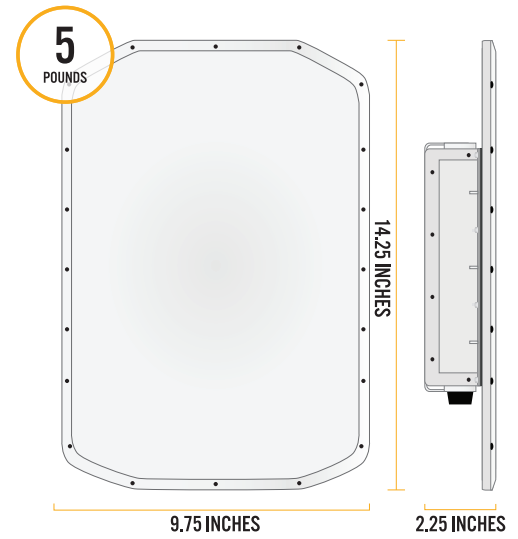
COMPACT SURVEILLANCE RADAR



C20/C40 DIMENSIONS



C550 DIMENSIONS



C950 DIMENSIONS

COMMERCIAL RF SENSOR FAMILY	C20	C40	C550	C950
MAX RANGE	Walker: 130 meters Vehicle: 350 meters	Walker: 350 meters Vehicle: 500 meters	Walker: 850 meters Vehicle: 1,500 meters	Walker: 1,350 meters Vehicle: 2,000 meters
COVERAGE AREA	130 meters x 175 meters = 4 acres	350 meters x 300 meters = 20 acres	850 meters x 750 meters = 140 acres	1,350 meters x 1,000 meters = 260 acres
EFFECTIVE FIELD OF VIEW	Horizontal: 120 degrees Vertical: 20 degrees	Horizontal: 90 degrees Vertical: 20 degrees	Horizontal: 90 degrees Vertical: 20 degrees	Horizontal: 90 degrees Vertical: 10 degrees
ANGULAR ACCURACY	Within 90° FOV: ±3 degrees Within 120° FOV: ±10 degrees	±3 degrees	±3 degrees	±3 degrees
RANGE RESOLUTION	1 meter	3 meters	3 meters	4 meters
SCAN RATE	Up to 7 times per second	Up to 7 times per second	Up to 7 times per second	Up to 7 times per second
UPDATE RATE	Up to 2 times per second	Up to 2 times per second	Up to 2 times per second	Up to 2 times per second
SIMULTANEOUS TRACKS	20	20	30	30
OUTPUT DATA	GPS coordinates, velocity, RCS, range, angle, time, and duration of moving targets.	GPS coordinates, velocity, RCS, range, angle, time, and duration of moving targets.	GPS coordinates, velocity, RCS, range, angle, time, and duration of moving targets.	GPS coordinates, velocity, RCS, range, angle, time, and duration of moving targets.
OUTPUT PROTOCOL/PLATFORM	JSON, XML, KML, Google Earth, NetworkedIO	JSON, XML, KML, Google Earth, NetworkedIO	JSON, XML, KML, Google Earth, NetworkedIO	JSON, XML, KML, Google Earth, NetworkedIO
TRANSMIT FREQUENCY	10–10.6 GHz, FCC & CE certified	10–10.6 GHz, FCC & CE certified	10–10.6 GHz, FCC & CE certified	10–10.6 GHz, FCC & CE certified
INTERFACE	Ethernet (Web UI or API)	Ethernet (Web UI or API)	Ethernet (Web UI or API)	Ethernet (Web UI or API)
PHYSICAL INTERFACE	Passive PoE through IP67 RJ45 connector, 10/100 Mbps	Passive PoE through IP67 RJ45 connector, 10/100 Mbps	Passive PoE through IP67 RJ45 connector, 10/100 Mbps	Passive PoE through IP67 RJ45 connector, 10/100 Mbps
RUGGED/WATERPROOF	IP67/NEMA 6P compliant	IP67/NEMA 6P compliant	IP67/NEMA 6P compliant	IP67/NEMA 6P compliant
TEMPERATURE RANGE	-30° C to 65° C -22° F to 149° F	-30° C to 65° C -22° F to 149° F	-30° C to 65° C -22° F to 149° F	-30° C to 65° C -22° F to 149° F
SYSTEM POWER	6–10 Watts @ 12–30 VDC depending on duty cycle	6–10 Watts @ 12–30 VDC depending on duty cycle	8–13 Watts @ 12–30 VDC depending on duty cycle	8–13 Watts @ 12–30 VDC depending on duty cycle
SETUP TIME	10 minutes using Web UI	10 minutes using Web UI	10 minutes using Web UI	10 minutes using Web UI

FOR MORE INFORMATION, CONTACT:

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