

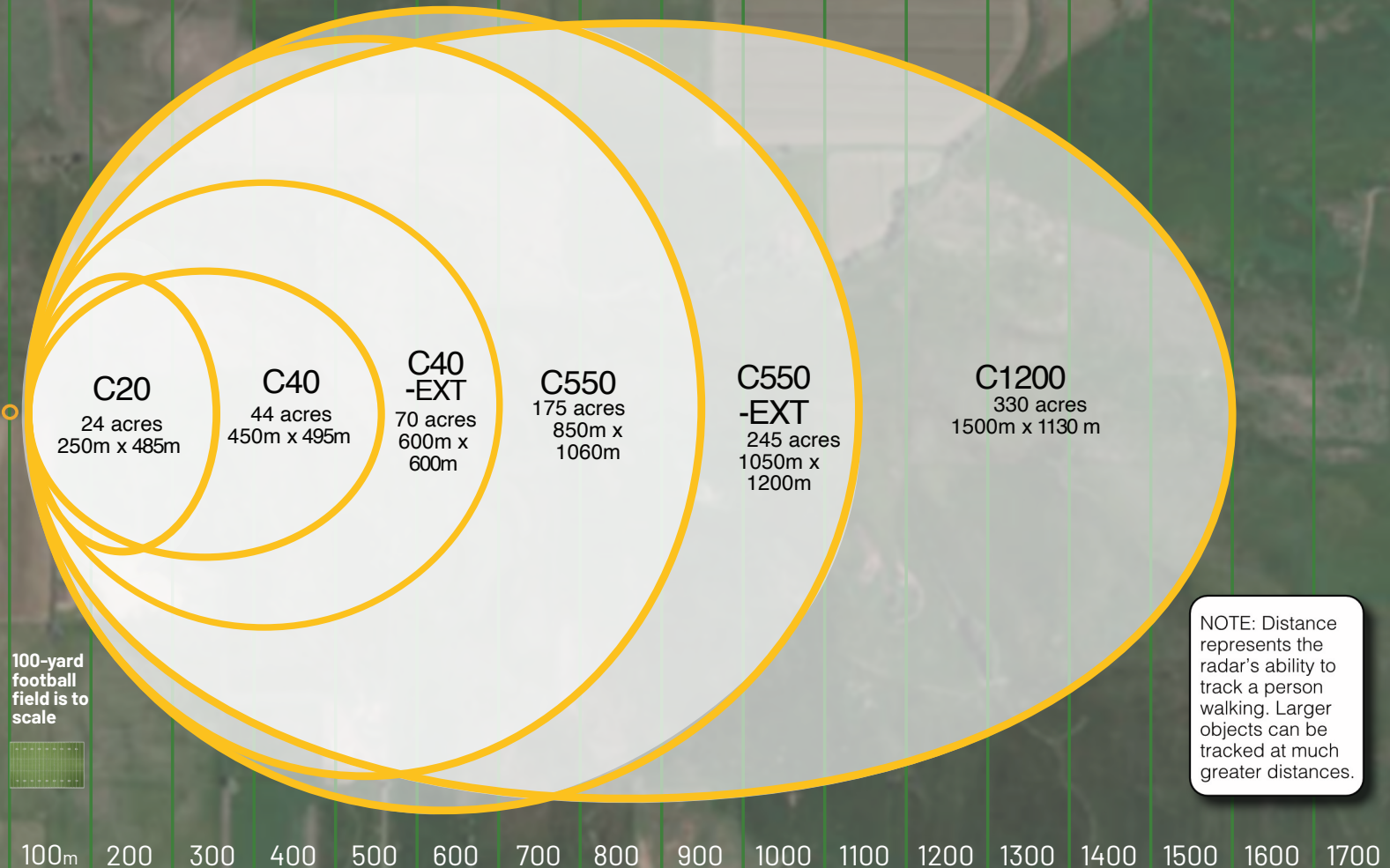
SPOTTER

C SERIES RADARS

Security at the
Speed of
Mobility™



X BAND COMPACT SURVEILLANCE RADARS



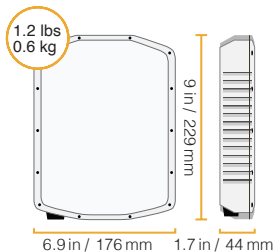
FOR MORE INFORMATION CONTACT:
sales@spotterglobal.com
801-742-5849
spotterglobal.com

PREVENTING HARM

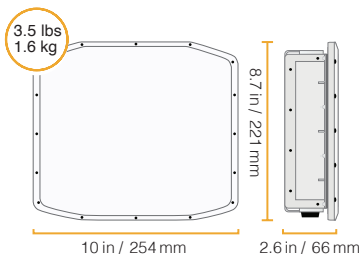


Compact Surveillance Radars

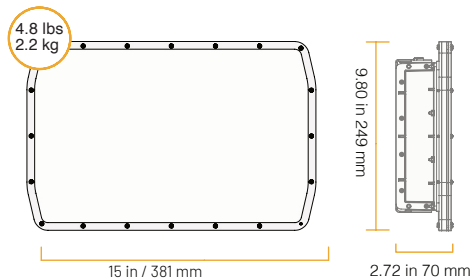
DIMENSIONS
C20
C40
C40-EXT



DIMENSIONS
C550
C550-EXT



DIMENSIONS
C1200



General Specifications

SCAN RATE	Up to 8 times per second
UPDATE RATE	Up to 8 times per second
OUTPUT DATA	GPS coordinates, velocity, RCS, range, time angle, heading, accuracy, and duration
OUTPUT PROTOCOL (PLATFORM)	JSON, XML, KML, Google Earth, NetworkIO
INTERFACE	Ethernet (Web UI or API)
PHYSICAL INTERFACE	Passive PoE through IP67 PQT connector, 10/100 Mbps
RUGGED/WATERPROOF	IP67/NEMA 6P compliant
SETUP TIME	Less than 10 minutes using Web UI
CONNECTOR TYPE	Push Quarter Turn (PQT)

C Series Specifications	C20	C40 / C40-EXT	C550 / C550-EXT	C1200
DETECTION RANGE	Walker: 10-250 m Vehicle: 10-400 m	Walker: 20-450 m / 20-600 m Vehicle: 20-600 m / 20-850 m	Walker: 30-850 m / 30-1,050 m Vehicle: 30-1200m / 30-1,500 m	Walker: 60-1500 m Vehicle: 60- 2000 m
COVERAGE AREA	250 m x 485 m = 24 acres	450 m x 495 m = 44 acres 600 m x 600m = 70 acres	850 m x 1060 m = 175 acres 1,050 m x 1200 m = 245 acres	1500 m x 1130 m = 330 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: 20 degrees
ANGULAR ACCURACY	Within 90° FOV: ±3° Within 120° FOV: ±5°	±3°	±3°	±3°
RANGE RESOLUTION	1.5 meter	3 meter	3 meter	3 meter
SIMULTANEOUS TRACKS	20	20	30	30
SYSTEM POWER	5-9 W @ 20-48 VDC Depending on duty cycle	5-9 W @ 20-48 VDC Depending on duty cycle	8-13 W @ 20-48 VDC Depending on duty cycle	8-20 W @ 20-48 VDC Depending on duty cycle
TEMPERATURE RANGE	-40° C to 65° C -40° F to 149° F	-40° C to 65° C -40° F to 149° F	-40° C to 65° C -40° F to 149° F	-40° C to 50° C -40° F to 122° F
FREQUENCY License required (*)	10 - 10.5 GHz FCC Certified (*)	10 - 10.5 GHz FCC Certified (*) 10.5-10.6 GHz CE Class B/RED Certified	10 - 10.5 GHz FCC Certified (*)	10 - 10.5 GHz FCC Certified (*)

Protectors of critical infrastructure sites rely on Spotter radars to prevent harm.



FOR MORE INFORMATION CONTACT:

sales@spotterglobal.com

801-742-5849

spotterglobal.com



SpotterGlobal.com



Made in the USA



SPOTTER GLOBAL

REV 11 03/2025
©2025 Spotter Global