

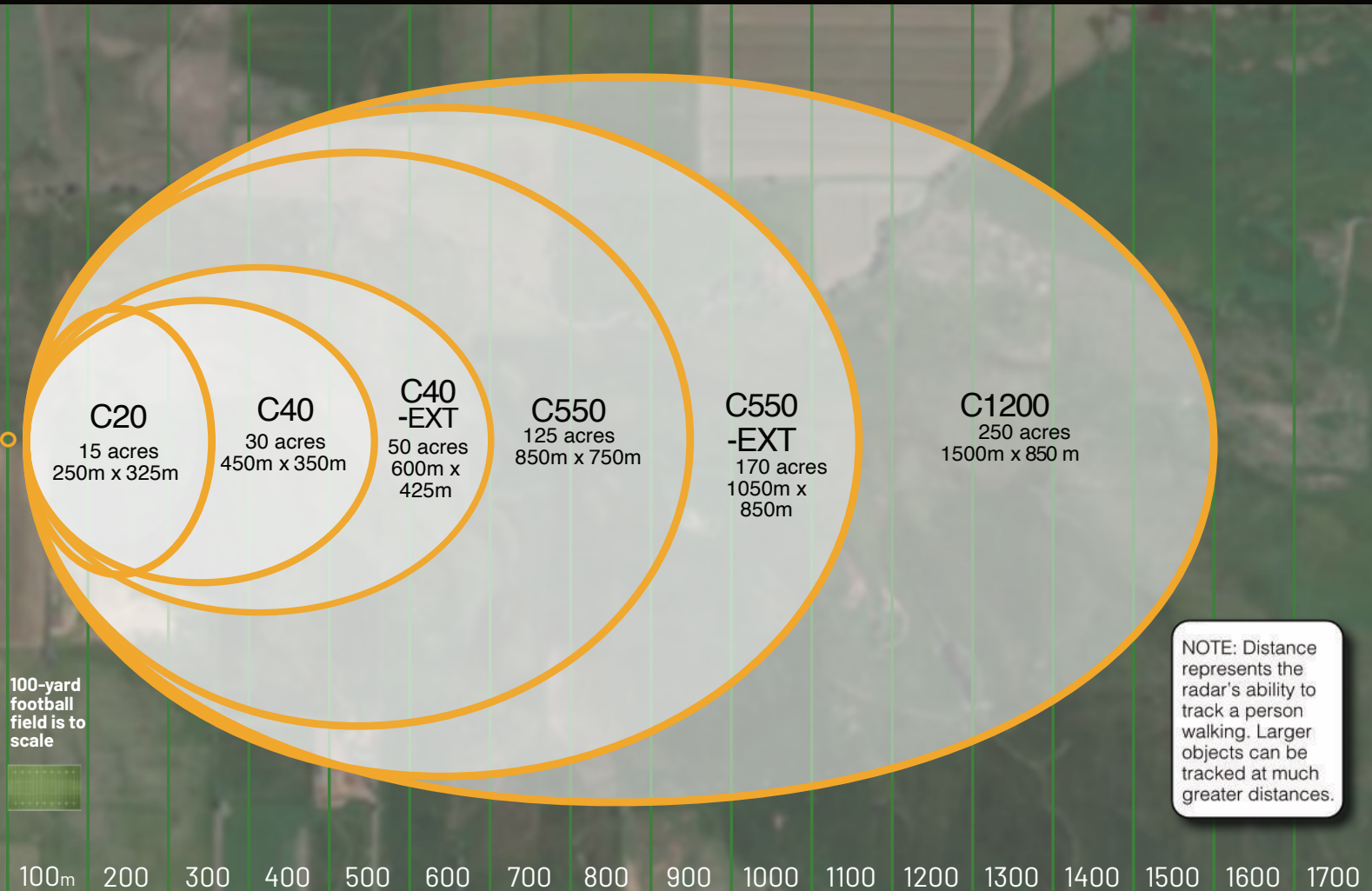
# SPOTTER

## C SERIES RADARS

**Resilient**  
**Reliable**  
**Secure**



## X BAND COMPACT SURVEILLANCE RADARS



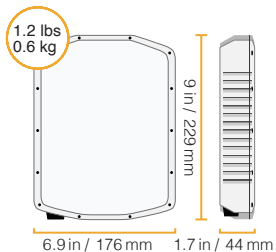
FOR MORE INFORMATION CONTACT:  
sales@spotterglobal.com  
801-742-5849  
spotterglobal.com

PREVENTING HARM

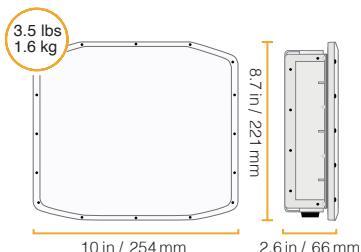


# Compact Surveillance Radars

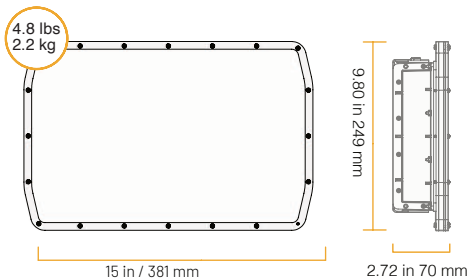
DIMENSIONS  
C20  
C40  
C40-EXT



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: 30-1,250 m / 30-1,500 m	Walker: 150-1500 m Vehicle: 150- 2000 m
COVERAGE AREA	250 m x 325 m = 15 acres	450 m x 350 m = 30 acres 600 m x 425 m = 50 acres	850 m x 750 m = 125 acres 1,050 m x 850 m = 170 acres	1500 m x 900 m = 250 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	8-13 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 65° C -40° F to 149° 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.



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Made in the USA



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