# SPOTTER

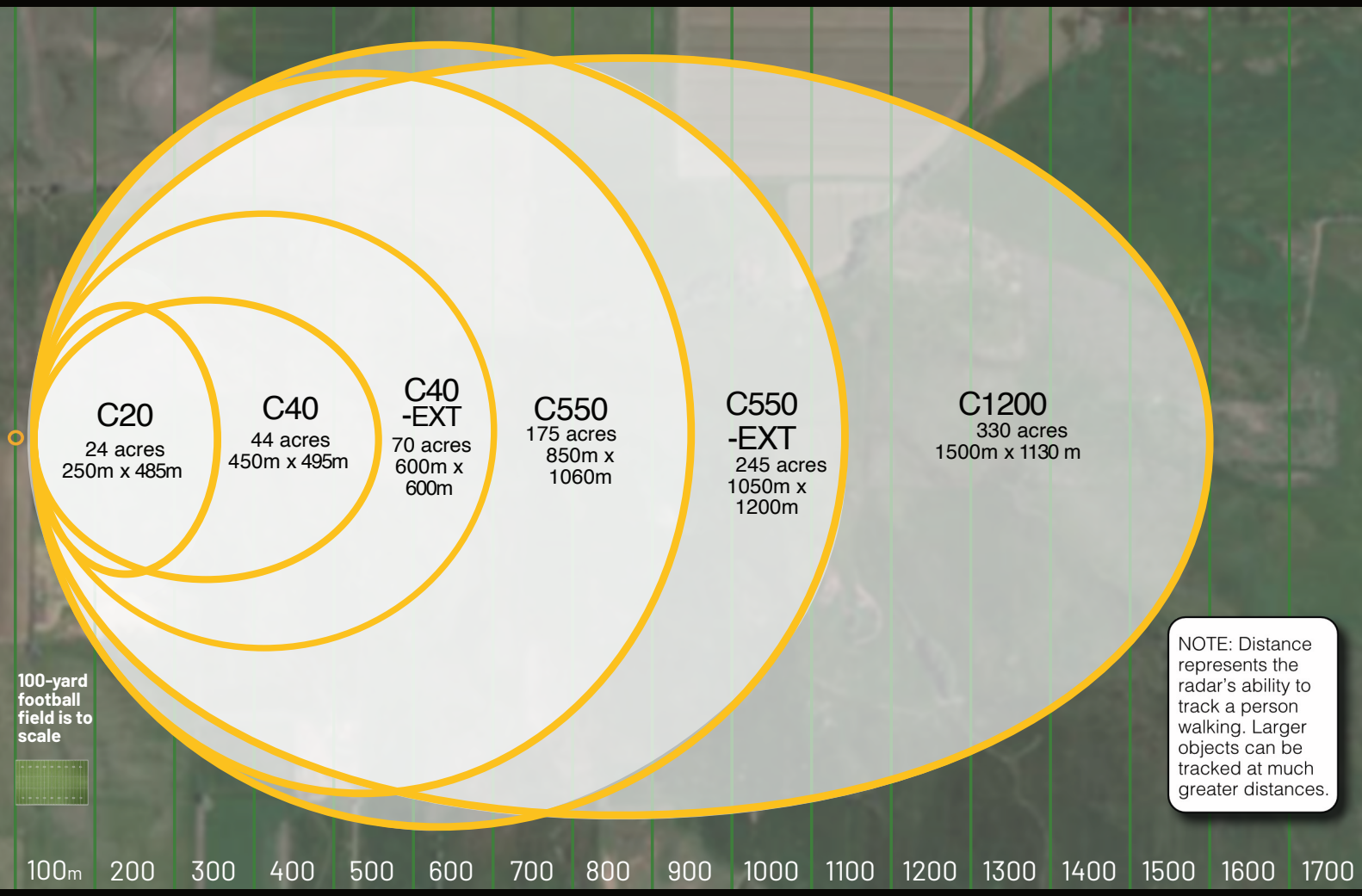
## C SERIES RADARS

**First to Detect.**

**First to Protect.**



## X BAND COMPACT SURVEILLANCE RADARS



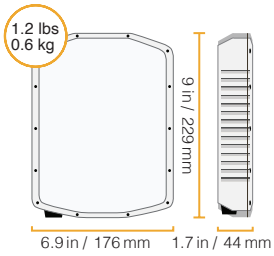

FOR MORE INFORMATION CONTACT:
sales@spotterglobal.com
801-742-5849
spotterglobal.com

PREVENTING HARM

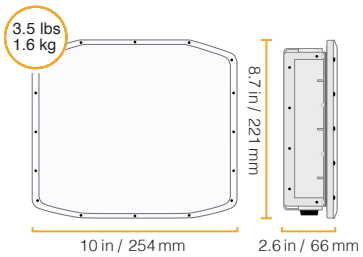
SPOTTER GLOBAL®

# Compact Surveillance Radars

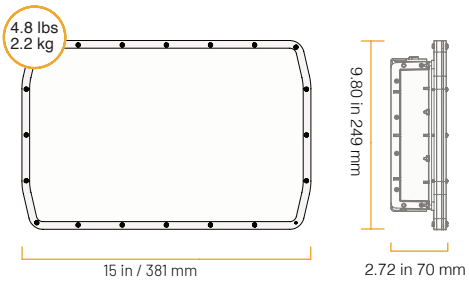
DIMENSIONS
C20
C40
C40-EXT




DIMENSIONS
C550
C550-EXT




DIMENSIONS
C1200

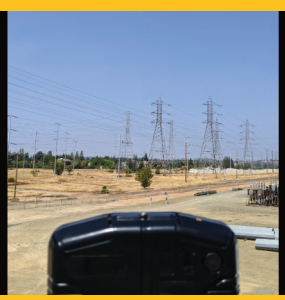



| General Specifications | |
|---|---|
| SCAN RATE | Up to 8 times per second |
| UPDATE RATE | Up to 8 times per second |
| OUTPUT DATA | GPS coordinates, velocity, RCS, range, time angle, heading, accuracy, and duration |
| OUTPUT PROTOCOL (PLATFORM) | JSON, XML, KML, Google Earth, NetworkedIO |
| 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<br>Vehicle: 10-400 m | Walker: 20-450 m / 20-600 m<br>Vehicle: 20-600 m / 20-850 m | Walker: 30-850 m / 30-1,050 m<br>Vehicle: 30-1200m / 30-1,500 m | Walker: 60-1500 m<br>Vehicle: 60- 2000 m |
| COVERAGE AREA | 250 m x 485 m = 24 acres | 450 m x 495 m = 44 acres<br>600 m x 600m = 70 acres | 850 m x 1060 m = 175 acres<br>1,050 m x 1200 m = 245 acres | 1500 m x 1130 m = 330 acres |
| EFFECTIVE FIELD OF VIEW | Horizontal: 120 degrees<br>Vertical: 20 degrees | Horizontal: 90 degrees<br>Vertical: 20 degrees | Horizontal: 90 degrees<br>Vertical: 20 degrees | Horizontal: 90 degrees<br>Vertical: 20 degrees |
| ANGULAR ACCURACY | Within 90° FOV: ±3°<br>Within 120° FOV: ±5° | ±3° | ±3° | ±3° |
| RANGE RESOLUTION | 1.5 meter | 3 meter | 3 meter | 3 meter |
| SIMULTANEOUS TRACKS | 20-40 | 20-40 | 20-40 | 20-40 |
| SYSTEM POWER | 5-9 W @ 20-48 VDC<br>Depending on duty cycle | 5-9 W @ 20-48 VDC<br>Depending on duty cycle | 8-13 W @ 20-48 VDC<br>Depending on duty cycle | 8-20 W @ 20-48 VDC<br>Depending on duty cycle |
| TEMPERATURE RANGE | -40° C to 65° C<br>-40° F to 149° F | -40° C to 65° C<br>-40° F to 149° F | -40° C to 65° C<br>-40° F to 149° F | -40° C to 50° C<br>-40° F to 122° F |
| FREQUENCY<br>License required (*) | 10 - 10.5 GHz<br>FCC Certified (*) | 10 - 10.5 GHz FCC Certified (*)<br>10.5-10.6 GHz CE Class B/RED Certified | 10 - 10.5 GHz<br>FCC Certified (*) | 10 - 10.5 GHz<br>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 14 11/2026
©2026 Spotter Global