SPOTTER

CK RADARS

First to Detect.

First to Protect.



K BAND COMPACT SURVEILLANCE RADARS



NOTE: Distance represents the radar's ability to track a person walking. Larger objects can be tracked at much greater distances.

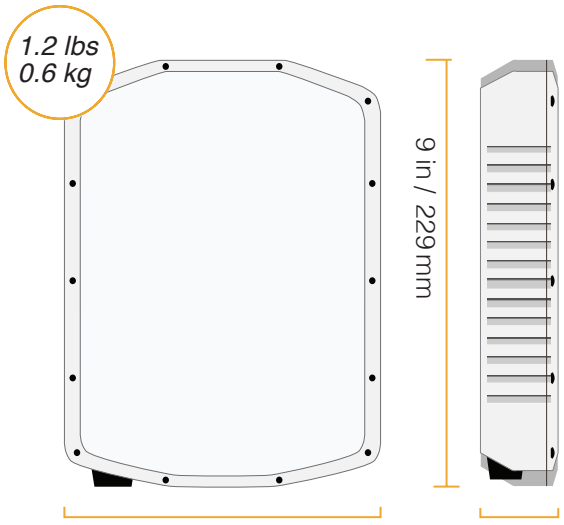
FOR MORE INFORMATION CONTACT:
sales@spotterglobal.com
801-742-5849
spotterglobal.com

PREVENTING HARM

SPOTTER GLOBAL®

Compact Surveillance Radars

DIMENSIONS
CK2
CK5
CK10
CK20
CK40



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)

CK Series Specifications	CK2	CK5	CK10	CK20	CK40
DETECTION RANGE	Walker: 5–125m Vehicle: 5–175m	Walker: 5–100m Vehicle: 5–175m	Walker: 5–150m Vehicle: 5 - 200m	Walker: 10–250m Vehicle: 10- 450m	Walker: 10–350m Vehicle: 10- 500m
COVERAGE AREA	125m x 55m = 2 acres	100m x 175 m = 4 acres	150m x 215m = 7 acres	250m x 250m = 13 acres	350m x 350m = 24 acres
EFFECTIVE FIELD OF VIEW	Horizontal: 90 degrees Vertical: 10 degrees	Horizontal: 90 degrees Vertical: 10 degrees	Horizontal: 90 degrees Vertical: 10 degrees	Horizontal: 90 degrees Vertical: 10 degrees	Horizontal: 90 degrees Vertical: 10 degrees
ANGULAR ACCURACY	±3°	±3°	±3°	±3°	±3°
RANGE RESOLUTION	2 meters	2 meters	2 meters	2 meters	2 meters
SIMULTANEOUS TRACKS	20-40	20-40	20-40	20-40	20-40
SYSTEM POWER	5–7 W @ 20–48 VDC Depending on duty cycle	5–7 W @ 20–48 VDC Depending on duty cycle	5–7 W @ 20–48 VDC Depending on duty cycle	5–7 W @ 20–48 VDC Depending on duty cycle	5–9 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	-40° C to 65° C -40° F to 149° F
FREQUENCY	24.0 to 24.25 GHz FCC & ETSI Unlicensed Band	24.0 to 24.25 GHz FCC & ETSI Unlicensed Band	24.0 to 24.25 GHz FCC & ETSI Unlicensed Band	24.0 to 24.25 GHz FCC & ETSI Unlicensed Band	24.0 to 24.25 GHz FCC & ETSI Unlicensed Band
CE COMPLIANT (Unlicensed) CE-CLASS B- RED	YES	YES	YES	YES	NO

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






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Made in the USA

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REV 14 11/2026
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