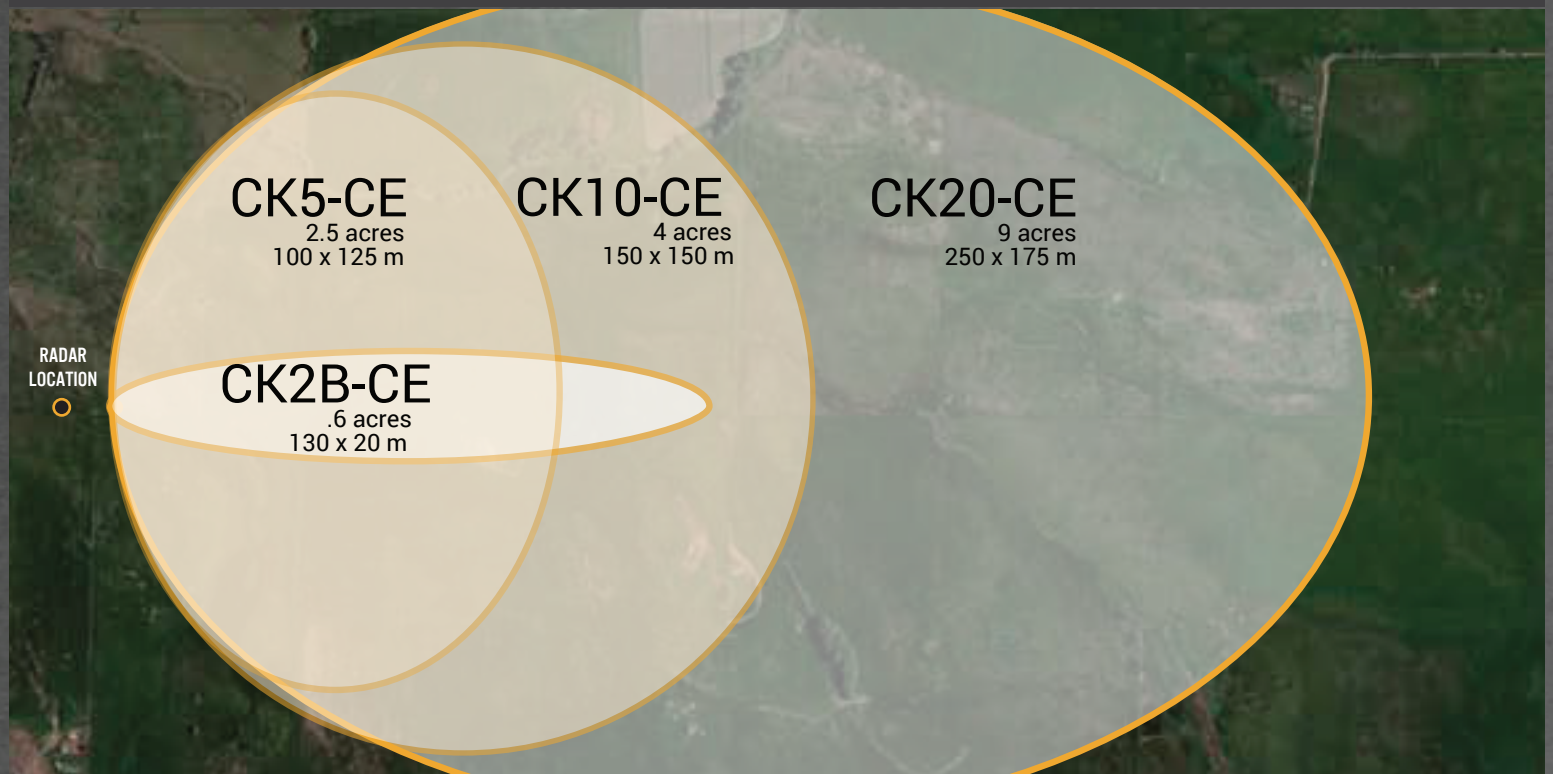


Ground & Over-Water Radar



GROUND RADAR COVERAGE COMPARISON



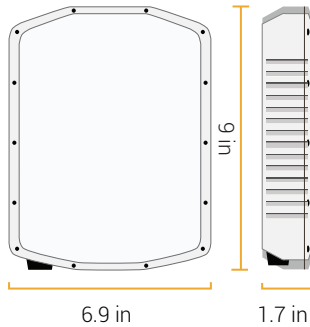
FOR MORE INFORMATION, CONTACT:
sales@spotterrf.com
801-742-5849
spotterrf.com

Protection Beyond Fences



Compact Surveillance Radar

1.2 POUNDS
Dimensions
 CK2B-CE
 CK5-CE
 CK10-CE
 CK20-CE



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 RJ45 connector, 10/100 Mbps
RUGGED/WATERPROOF	IP67/NEMA 6P compliant
SETUP TIME	Less than 10 minutes using Web UI

CE Compliant

	CLASS B*	RED**
CK2	YES	YES
CK5	YES	YES
CK10	YES	YES
CK20	YES	YES
UNLICENSED OPERATION (ALL)		
* CE Residential Compliance Standards		
** EU Radio Equipment Directive Compliance		

CK-Series	CK2B-CE	CK5-CE	CK10-CE	CK20-CE
DETECTION RANGE	Walker: 5-125 m Vehicle: 5-200 m	Walker: 5-100 m Vehicle: 5-175 m	Walker: 5-150 m Vehicle: 5-200 m	Walker: 10-250m Vehicle: 10-400 m
COVERAGE AREA	130 m x 20 m = .6 acres	100 m x 125 m = 2.5 acres	150 m x 150 m = 4 acres	250 m x 175 m = 9 acres
EFFECTIVE FIELD OF VIEW	Horizontal: 10 degrees Vertical: 10 degrees	Horizontal: 100 degrees Vertical: 10 degrees	Horizontal: 90 degrees Vertical: 10 degrees	Horizontal: 90 degrees Vertical: 20 degrees
ANGULAR ACCURACY	+ -3 degrees	+ -3 degrees	+ -3 degrees	+ -3 degrees
RANGE RESOLUTION	1 meter	1 meter	1 meter	1.5 meter
SIMULTANEOUS TRACKS	10	10	20	20
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
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
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

Applications

Airports
 Borders
 Bridges
 Commercial
 Construction
 Dams
 Data Centers

Estates
 Events
 Farms
 Fences
 Fish Farms
 Government
 High Security

Military
 Mines
 Nuclear Power
 Oil facilities
 Parking Structures
 Pipelines
 Power Plants

Prisons
 Railways
 Residential
 Seaports
 Service Centers
 Solar Farms
 Stations

Substations
 UAV Drones
 Virtual Fences
 Water Treatment
 Windmills

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