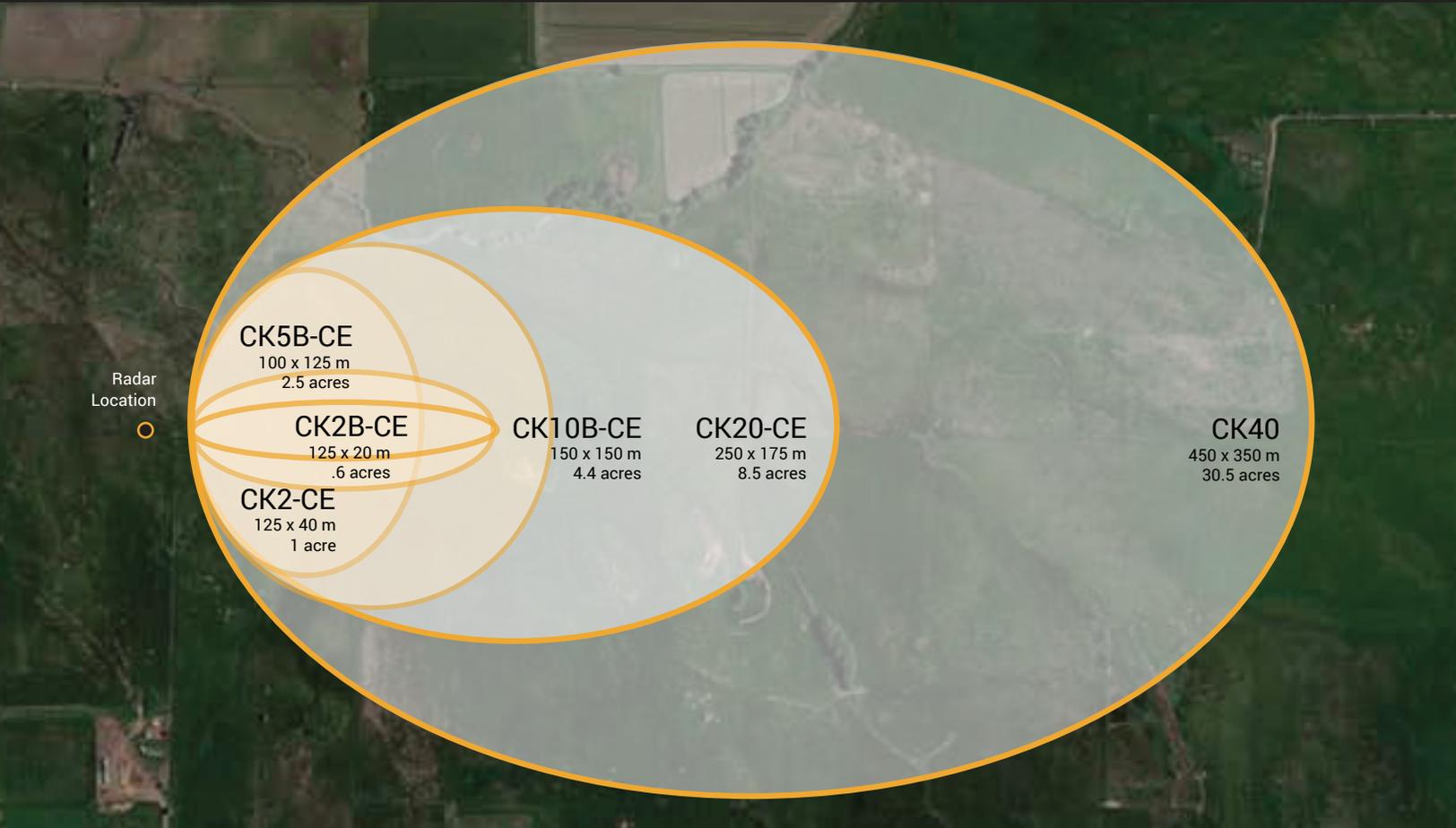


Ground & Over-Water Radar



CK RADAR SERIES

GROUND RADAR COVERAGE COMPARISON



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

PREVENTING HARM



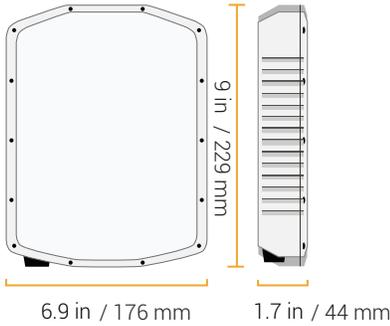
SPOTTER
GLOBAL

Compact Surveillance Radar

1.2 lbs
0.6 kg

DIMENSIONS

CK1-CE
CK2-CE
CK5B-CE
CK10B-CE
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 IP66 RJ45 connector, 10/100 Mbps
RUGGED/WATERPROOF	IP67/NEMA 6P compliant
SETUP TIME	Less than 10 minutes using Web UI

CE Compliant			
	CE	CLASS B*	RED**
CK1	YES	YES	YES
CK2	YES	YES	YES
CK5	YES	YES	YES
CK10	YES	YES	YES
CK20	YES	YES	YES
CK40	NO	YES	NO
UNLICENSED OPERATION (ALL)			
* CE Residential Compliance Standards			
** EU Radio Equipment Directive Compliance			

CK Series Specifications	CK2B-CE	CK2-CE	CK5B-CE	CK10B-CE	CK20-CE	CK40
DETECTION RANGE	Walker: 5-125 m Vehicle: 5-200 m	Walker: 5-125 m Vehicle: 5-175 m	Walker: 5-100 m Vehicle: 5-175 m	Walker: 5-150 m Vehicle: 5-200 m	Walker: 10-250 m Vehicle: 10-400 m	Walker: 30-450 m Vehicle: 30-600 m
COVERAGE AREA	125 m x 20 m = .6 acres	125 m x 40 m = 1 acre	100 m x 125 m = 2.5 acres	150 m x 150 m = 4.4 acres	250 m x 175 m = 8.5 acres	450 m x 350 m = 30.5 acres
EFFECTIVE FIELD OF VIEW	Horizontal: 10 degrees Vertical: 10 degrees	Horizontal: 10 degrees Vertical: 10 degrees	Horizontal: 100 degrees Vertical: 10 degrees	Horizontal: 90 degrees Vertical: 10 degrees	Horizontal: 90 degrees Vertical: 20 degrees	Horizontal: 90 degrees Vertical: 12 degrees
ANGULAR ACCURACY	±3°	±3°	±3°	±3°	±3°	±3°
RANGE RESOLUTION	1 meter	1 meter	1 meter	1 meter	1.5 meter	2 meter
SIMULTANEOUS TRACKS	10	10	10	20	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	5-7 W @ 20-48 VDC Depending on duty cycle	6.75 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	-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	24.0 to 24.25 GHz FCC & ETSI Unlicensed Band

APPLICATIONS					
Airports	Estates	Military	Prisons	Substations	
Borders	Events	Mines	Railways	UAV Drones	
Bridges	Farms	Nuclear Power	Residential	Virtual Fences	
Commercial	Fences	Oil facilities	Seaports	Water Treatment	
Construction	Fish Farms	Parking Structures	Service Centers	Windmills	
Dams	Government	Pipelines	Solar Farms		
Data Centers	High Security	Power Plants	Stations		



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