



SPOTTER

CE RADARS



GK100

100 m x 175 m - 1.2 ha

GK150

150 m x 215 m - 2.8 ha

GK250

250 m x 250 m - 5.3 ha

GX500

500 m x 326 m - 12.8 ha

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

100

200

300

400

500

FIRST TO DETECT. FIRST TO PROTECT.

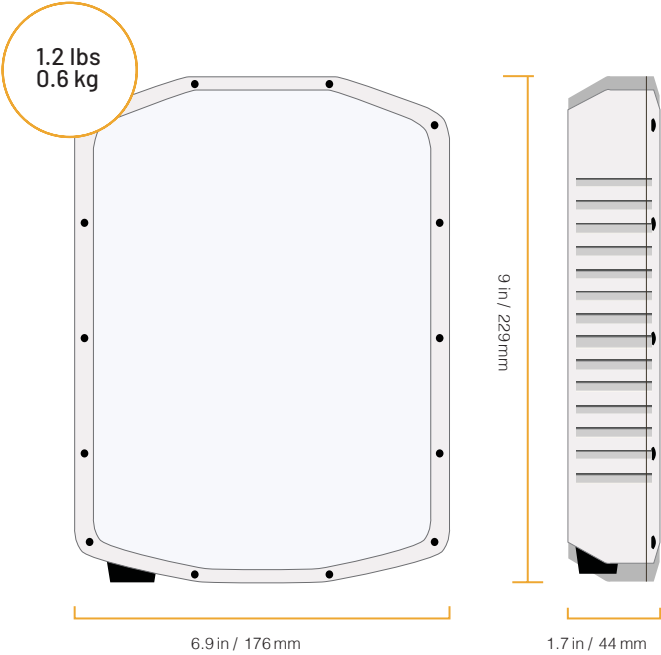
FOR MORE INFORMATION CONTACT:

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CE RADARS



General Specifications

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	Active 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)

Radar Specifications	GK100	GK150	GK250	GX500
DETECTION RANGE	Walker: 5-100 m Vehicle: 5-200 m	Walker: 5-150 m Vehicle: 5-250 m	Walker: 5-250 m Vehicle: 5-450 m	Walker: 20-500 m Vehicle: 20-800 m
COVERAGE AREA	100 m x 140 m = 12,141 m ²	150 m x 215 m = 28,328 m ²	250 m x 250 m = 52,609 m ²	500 m x 326 m = 127,733 m ²
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: 20 degrees
ANGULAR ACCURACY	±3°	±3°	±3°	±3°
RANGE RESOLUTION	2 m	2 m	2 m	3 m
SIMULTANEOUS TRACKS	20-40	20-40	20-40	20-40
POWER CONSUMPTION	5-7 W @ 20-48 V DC 802.3at Depending on duty cycle	5-7 W @ 20-48 V DC 802.3at Depending on duty cycle	5-7 W @ 20-48 V DC 802.3at Depending on duty cycle	5-9 W @ 20-48 V DC 802.3at 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	24.0 to 24.25 GHz	24.0 to 24.25 GHz	24.0 to 24.25 GHz	10.525 to 10.575 GHz
CE COMPLIANT (Unlicensed) CE-CLASS B- RED	YES	YES	YES	YES

