



PRODUCT SHEET

# MAX 3D 360° AVIAN DETECTION



**robin**  
radar systems





## MAX SPECIFICATIONS

Technology	FMCW, Solid State
Frequency	X-Band, 8900 MHz (8800-9075) 9250 MHz (9000-9275), 9650 MHz (9525-9775)
Power (continuous)	44 Watt
Instrumented Range	15 km (9.3 mi.)
Beam Width	1.8 ° x 60 °
Azimuth Resolution	1.8 °
Range Resolution	5.8 m (19 ft)
Elevation Coverage	60 °
Rotation / Scan Speed	60 rpm / 1s
Dimensions (WxDxH)	1237 x 654 x 1660 mm (48.7 x 25.7 x 65.35 inch)
Weight	325 kg (715 lb)
Power	207 - 253 VAC, 50 ... 60 Hz
Ingress Protection	IPX6
Operational Temperature	-25°C to +55°C (-13°F - 131°F)

## DETECTION & CLASSIFICATION RANGES

Size	Detection Range	Altitude
Large	10.0 km (6.2 mi.)	700 m (300 ft)
Medium	8.0 km (5 mi.)	600 m (1970 ft)
Small	4.0 km (2.5 mi.)	400 m (1300 ft)
Micro	3.3 km (2.1 mi.)	300 m (980 ft)

## TALK TO OUR EXPERTS

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## READY TO TAKE BIRD DETECTION TO THE MAX?

You'll be joining 75+ visionary global partners banging the drum for safety and ecology. MAX is deployed at airports, airfields, wind farms and construction sites worldwide.

## BIRD VIEWER SOFTWARE

