



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.....	60rpm / 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)

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



TALK TO OUR EXPERTS

Tel: +31 8 8700 8700 | E-mail: info@robinradar.com | robinradar.com

The information provided in this document is intended for informational purposes only and is subject to change without notice. All rights reserved.

RRS.MAX.A3.2024.V2

