

HDR100 Series

MODELS

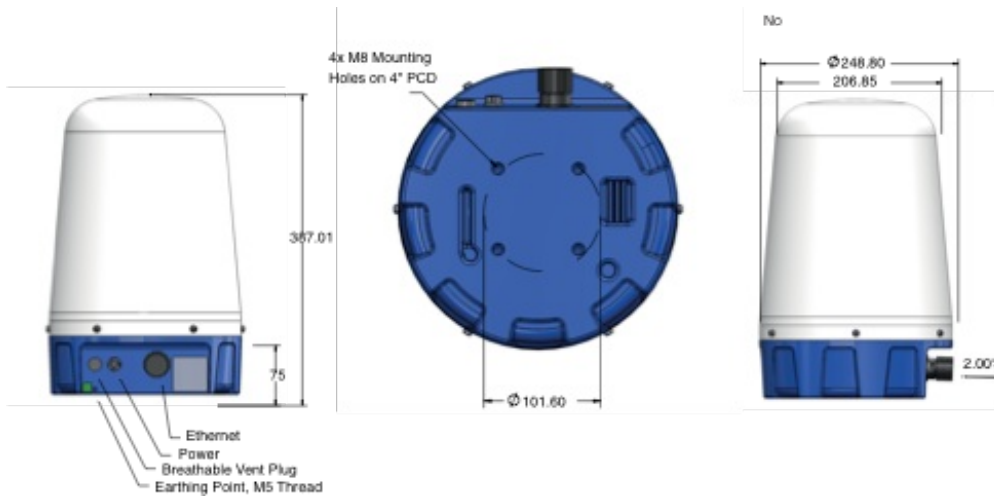
HDR100 Models	Indicative Range	Update Rate
HDR132	300 metres	2 Hz
HDR131	300 metres	1 Hz
HDR124	200 metres	4 Hz
HDR122	200 metres	2 Hz
HDR121	200 metres	1 Hz
HDR114	100 metres	4 Hz
HDR112	100 metres	2 Hz
HDR111	100 metres	1 Hz

SPECIFICATIONS

Specifications	HDR100 Series
Operating Frequency	76 - 77 GHz
Operating Range	5-300m Person 5-300m Vehicle
Range Resolution	0.175m
Azimuth Beamwidth	1.8°
Elevation Beamwidth	1.8°
Infill Elevation Beam	Standard

Specifications	HDR100 Series
Measurement Rate	400 per rotation
Field of View	360°
Update Rate (Rotation Speed)	1s (1Hz) 0.5s (2Hz) 0.25s (4Hz)
Data Connection	1 Gbps Ethernet
Power Consumption	24 Watts
Power Supply	24 Volts DC
Weight	6 Kg
Mounting Height	2-4 metres
Safe Working Distance (from radome)	0m
False Alarm Rate	≤ 1 per Radar per 24h
Operating Temperature	-20°C to + 60°C
Custom Finish Options	Optional
Environmental	IP 67BS EN 60068-2-52:1996 Test Kb Severity 3 BS EN 60068
Compliance	CE Marked
EMC Directive	2014/30/EU
Low Voltage Directive	2014/35/EU
Radio Equipment Directive	2014/53/EU
Patents	Patent No.: GB 2 518 344 International Application No.: PCT/GB2014/052018

DIMENSIONS



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