

# HDR134

## TECHNICAL

## DATASHEET



### MODELS

### INDICATIVE RANGE

### UPDATE RATE

**HDR134**

300 metres

4 Hz

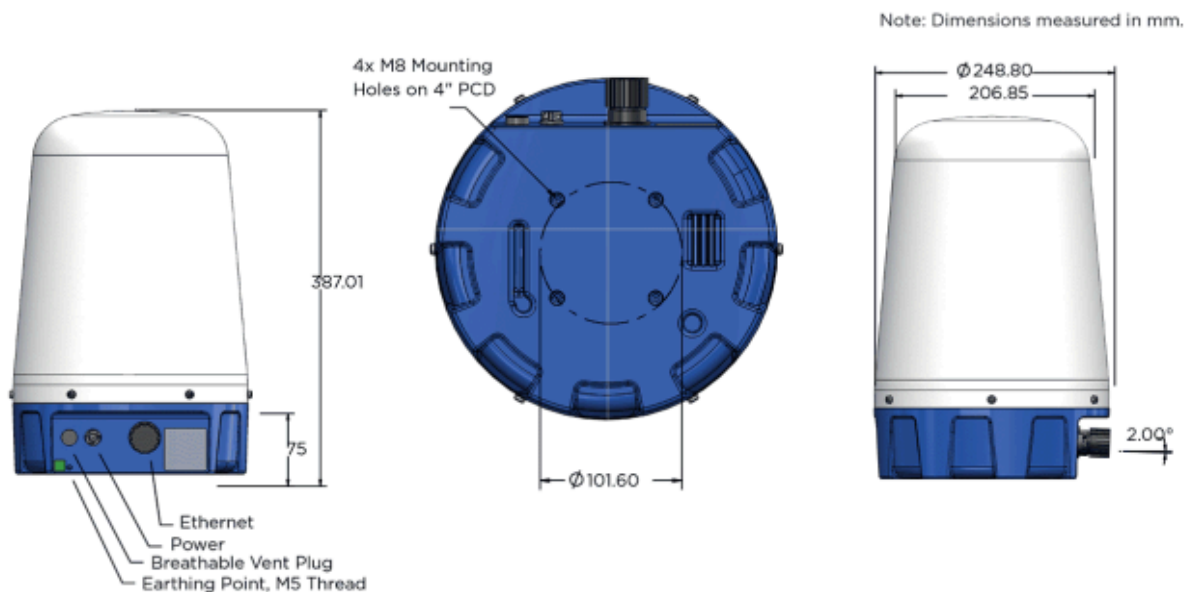
### DIMENSIONS

#### Measurements

H387mm x W249mm

#### Weight

6 kg



Specifications are subject to change without notice.  
All images used are for illustrative purposes only.  
Due to customer use beyond our control, Navtech Radar cannot assess product relevance for specific applications. Customers are responsible for testing products and reviewing regulations to ensure safe operation.



Navtech complies with the following ISO standards

ISO 9001:2015 Quality  
ISO 27001 Information Security  
ISO 45001 Health and Safety  
ISO 14001 Environmental  
ISO 20000 IT Service Management

**Navtech Radar**



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[www.navtechradar.com](http://www.navtechradar.com)



**Safety is everything.**

AG-PM-0001 V3.0

## TECHNICAL SPECIFICATIONS - HDR134

<b>Operating Frequency</b>	76 - 77 GHz
<b>Operating Range</b>	5-300m Person and Vehicle
<b>Range Resolution</b>	0.175m
<b>Azimuth Beamwidth</b>	1.8°
<b>Elevation Beamwidth</b>	1.8°
<b>Infill Elevation Beam</b>	Standard
<b>Measurement Rate</b>	400 per rotation
<b>Field of View</b>	360°
<b>Update Rate (Rotation Speed)</b>	0.25s (4 Hz)
<b>Data Connection</b>	1 Gbps Ethernet
<b>Power Consumption</b>	24 Watts
<b>Power Supply</b>	24 Volts DC and POE+*
<b>Mounting Height</b>	2-4m
<b>Safe Working Distance (from radome)</b>	0m
<b>Operating Temperature</b>	-20°C to + 60°C
<b>Environmental</b>	UL50/50E IP 67 BS EN 60068-2-52:1996 Test Kb Severity 3
<b>Compliance</b>	CE, UKCA , ACMA, FCC, ISED Marked
<b>EMC Directive</b>	2014/30/EU
<b>Low Voltage Directive</b>	2014/35/EU
<b>Radio Equipment Directive</b>	2014/53/EU
<b>Additional Notes</b>	*PoE Power Supply Considerations Recommended Operating Conditions DC Supply Voltage: 36 to 57V Absolute Maximum Ratings DC Supply Voltage: -0.3 to 60V DC Supply Voltage Surge for 1ms: -0.6 to 80V Exceeding these ratings may cause permanent damage to the product

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