

HDR351

TECHNICAL DATASHEET



| MODELS | INDICATIVE RANGE | UPDATE RATE |
|--------|------------------|-------------|
|--------|------------------|-------------|

| | | |
|--------|--------------|------|
| HDR351 | 5,000 metres | 1 Hz |
|--------|--------------|------|

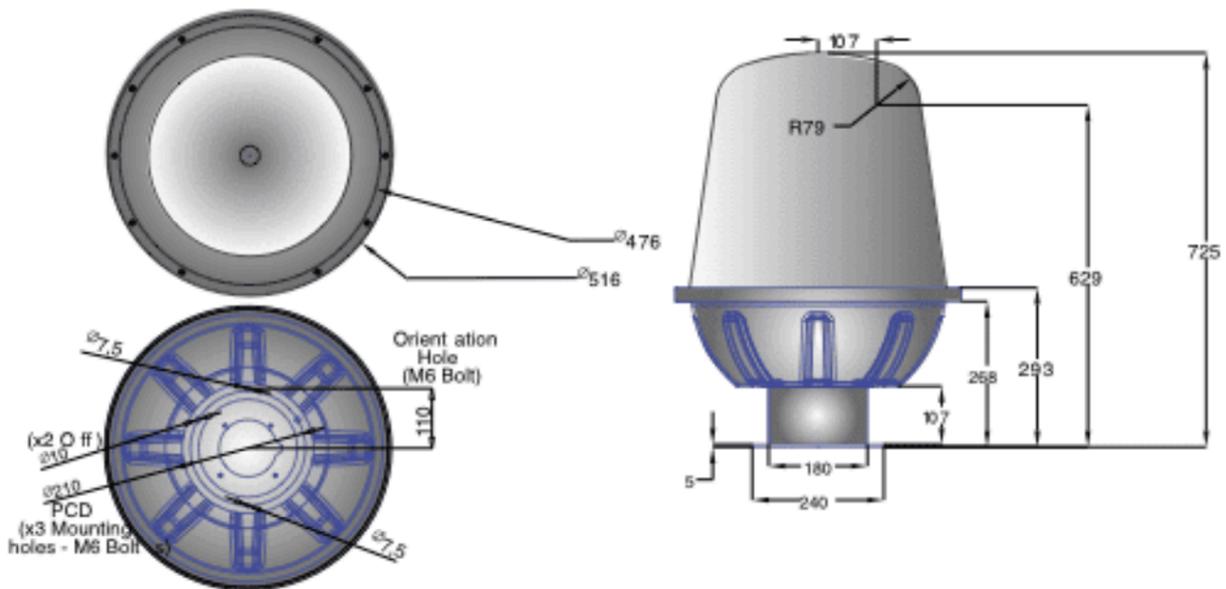
DIMENSIONS

Measurements

H725mm x W516mm

Weight

22 kg



Note: Dimensions measured in mm.

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



Safety is everything.

TECHNICAL SPECIFICATIONS - HDR351

| | |
|--|---|
| Operating Frequency | 76 - 77 GHz |
| Operating Range | 3000m Person 5000m Vehicle |
| Range Resolution | 0.39m |
| Azimuth Beamwidth | 0.9° |
| Elevation Beamwidth | 3° |
| Measurement Rate | 800 per rotation |
| Field of View | 360° |
| Update Rate (Rotation Speed) | 1s (1 Hz) |
| Data Connection | 1 Gbps Ethernet |
| Power Consumption | 36 Watts |
| Power Supply | 24 Volts DC |
| Mounting Height | 6-10m |
| Safe Working Distance (from radome) | 0.1m |
| Operating Temperature | -20°C to + 60°C |
| Environmental | UL50/50E IP 67 BS EN 60068-2-52:1996 Test Kb Severity 3 |
| Compliance | CE, UKCA , ACMA, FCC Marked |
| EMC Directive | 2014/30/EU |
| Low Voltage Directive | 2014/35/EU |
| Radio Equipment Directive | 2014/53/EU |

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