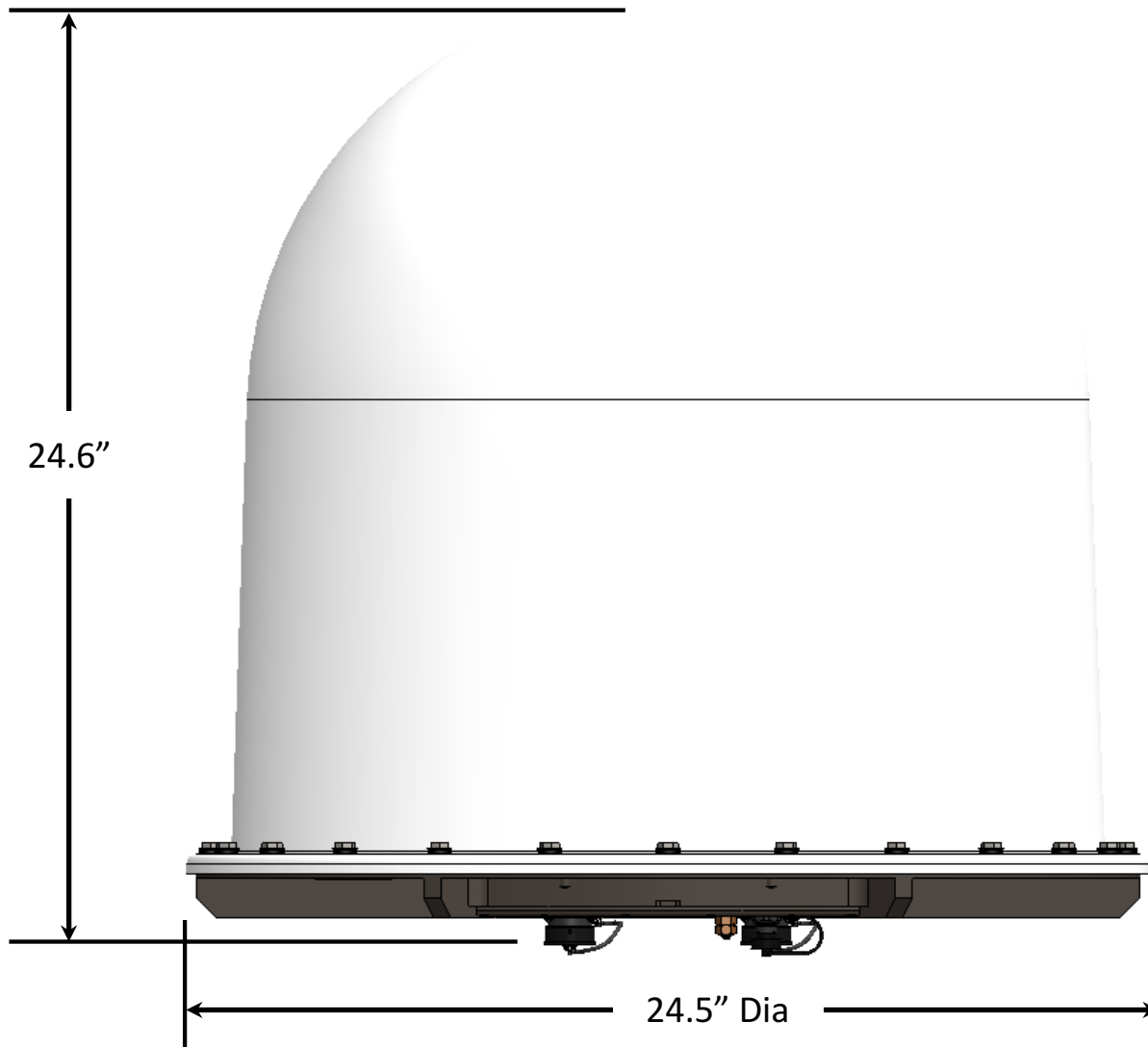


Part Number Breakdown

- Positioner Options
 - QLA-360MPS-10-QSR340A152-100 (standard)
 - “-100” comes with 100 ft PoE cable. Other cable length options are available in increments of 50 ft up to 300 ft
 - Antenna shown throughout this presentation is not included
 - 60W indoor rated power supply included
- Accessories
 - Mast Adapters [Slide 10 & 11]
 - P/N Options - QACC-N900788-2.0, 2.5, or 3.0 (for 2, 2.5 or 3 in O.D. mast)
 - P/N Options - QACC-N900789-3.5, 4.0, or 4.5 (for 3.5, 4 or 4.5 in O.D. mast)
 - GPS Heading Unit (GHU) for improved heading ($\sim \pm 1^\circ$) [Slide 12]
 - GHU P/N - QACC-N900502-24
 - GHU Mounting Bracket P/N - ANTB-N900854-1

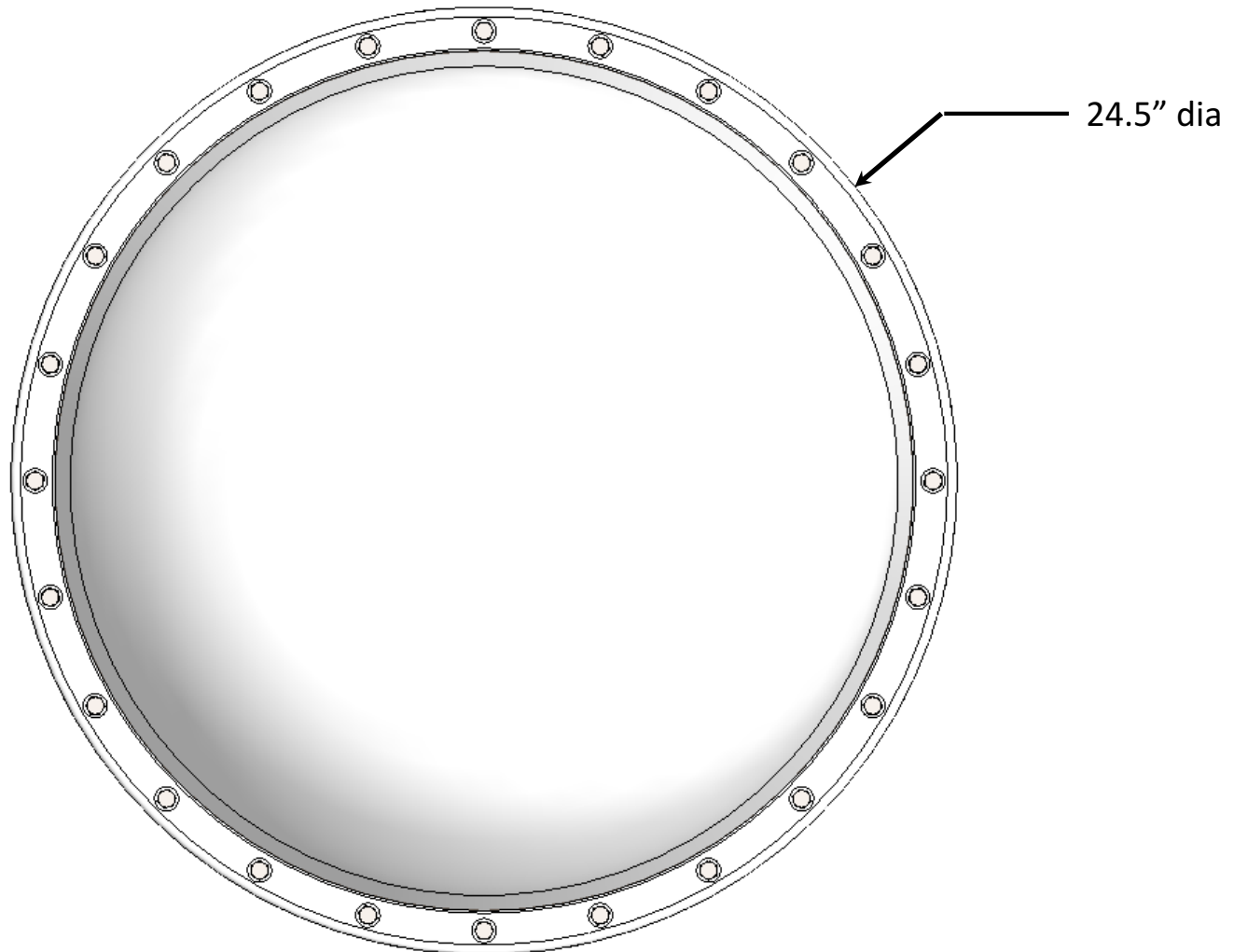
QLA-C360MPS-10-QSR340A152

Envelope Rear View



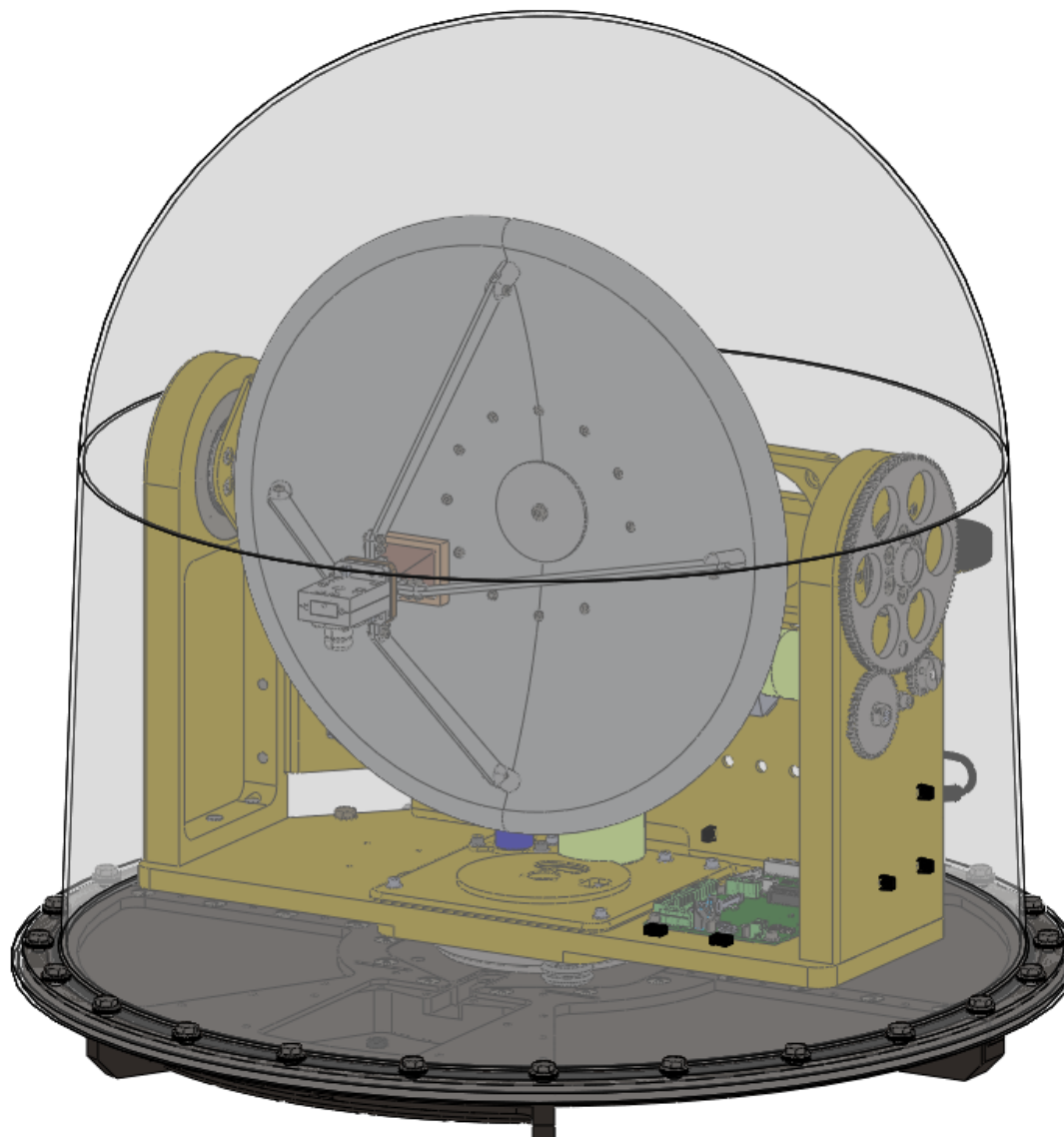
QLA-C360MPS-10-QSR340A152

Envelope Top View



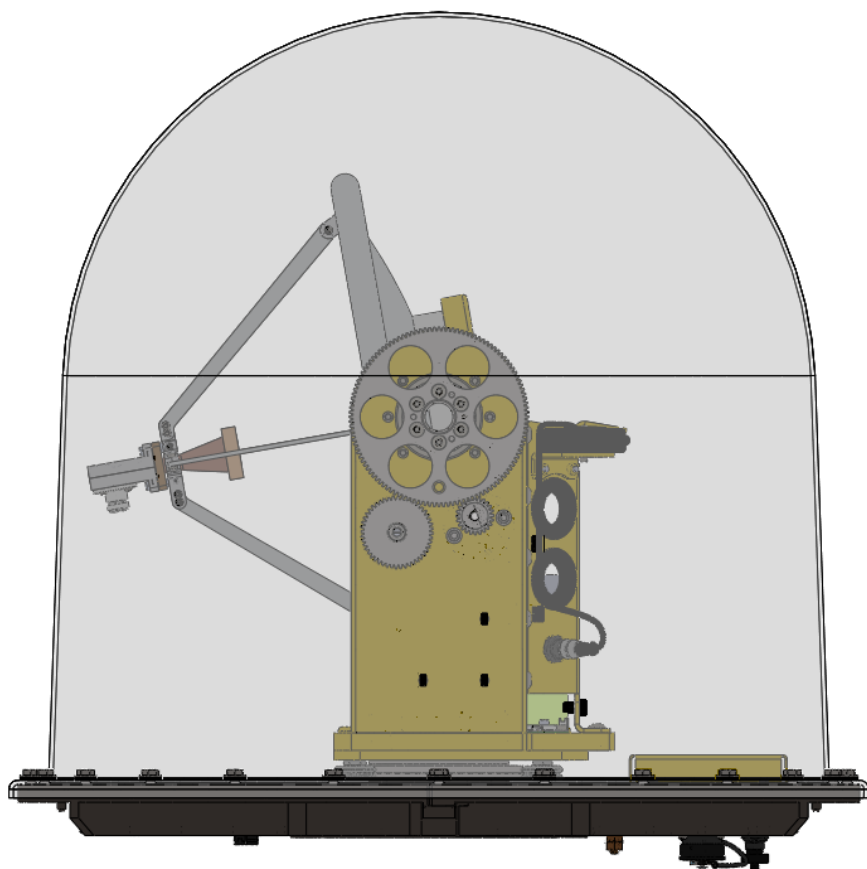
QLA-C360MPS-10-QSR340A152

Shown with Steatite QSR-340-A-152 Antenna & QWF-SL-6.5-18-N-R Feed

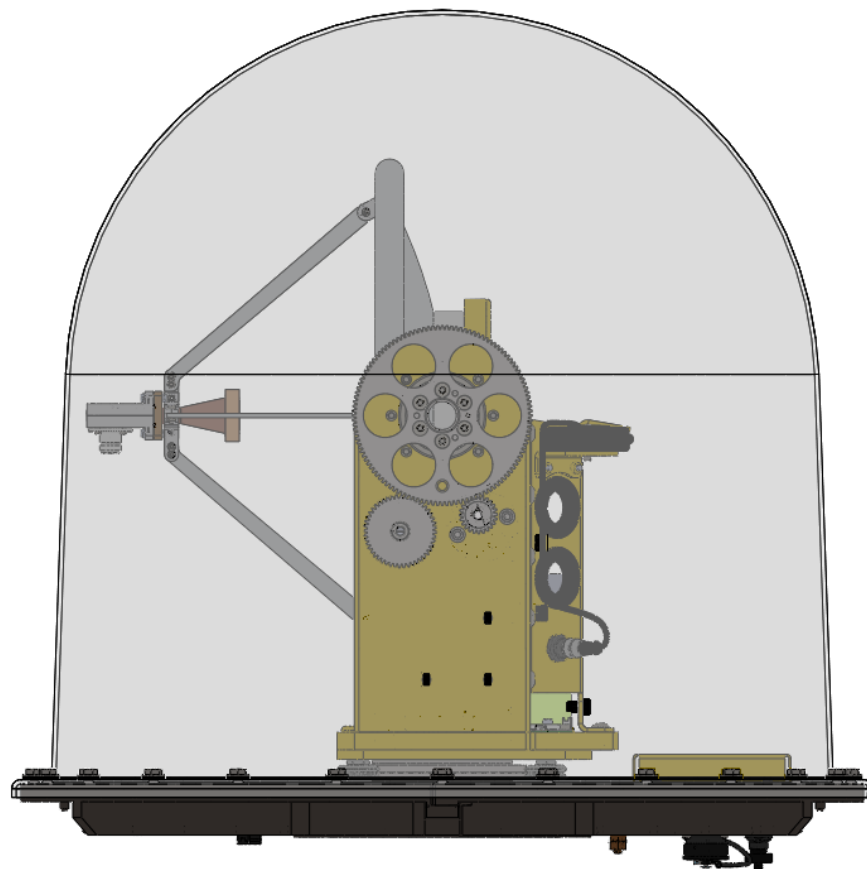


QLA-C360MPS-10-QSR340A152

Shown with Steatite QSR-340-A-152 Antenna & QWF-SL-6.5-18-N-R Feed



-10° Elevation Limit

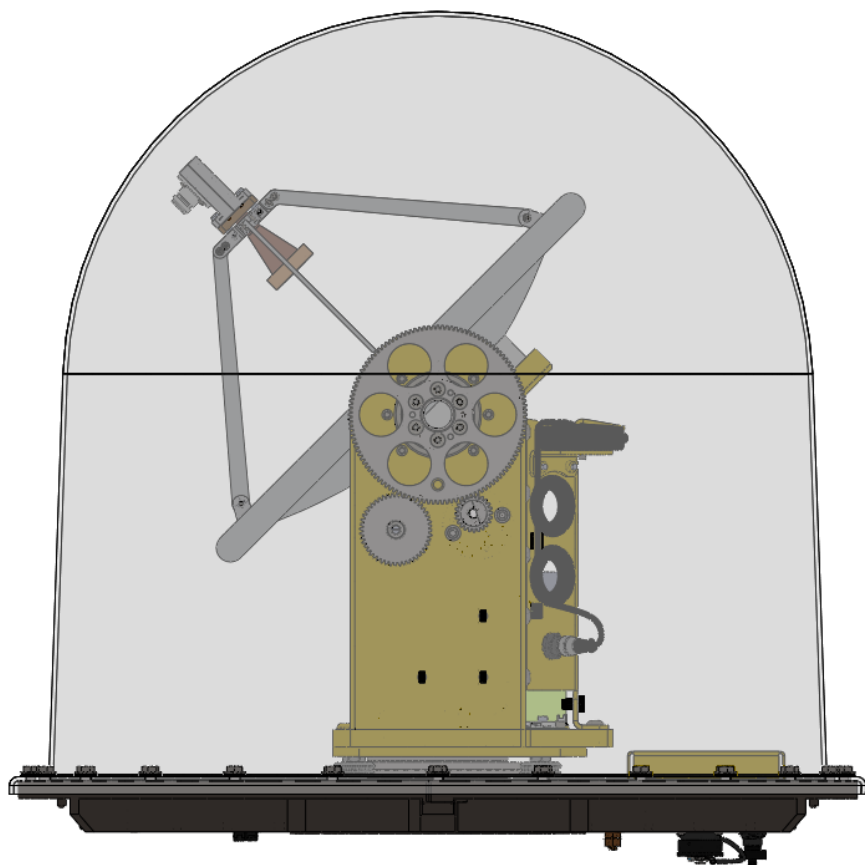


0° Elevation

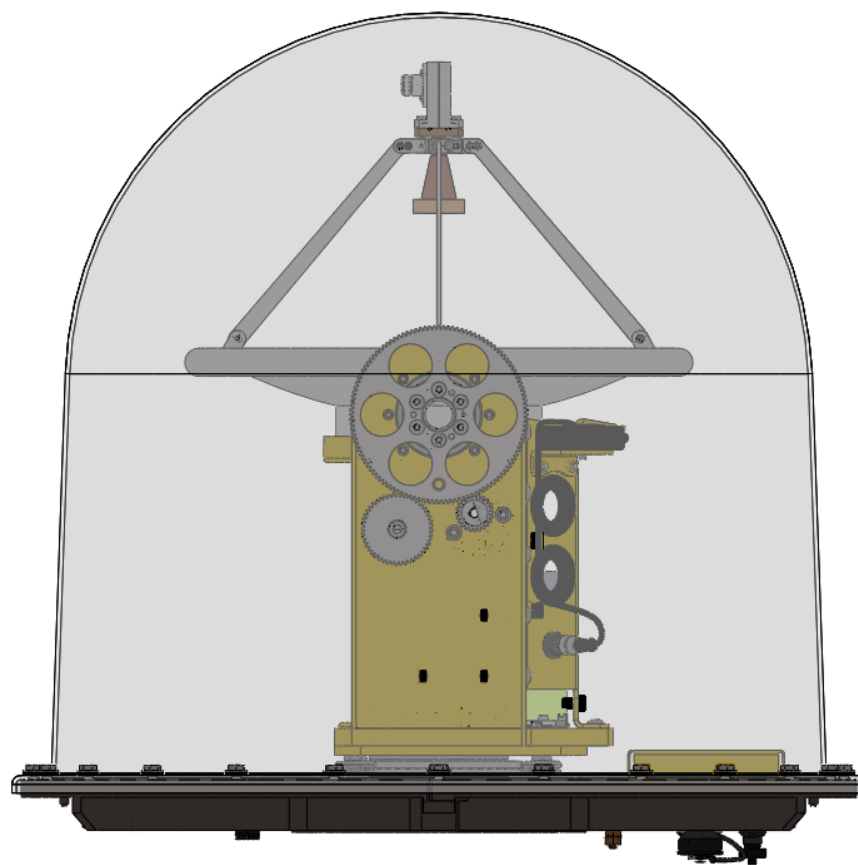


QLA-C360MPS-10-QSR340A152

Shown with Steatite QSR-340-A-152 Antenna & QWF-SL-6.5-18-N-R Feed



45° Elevation Limit

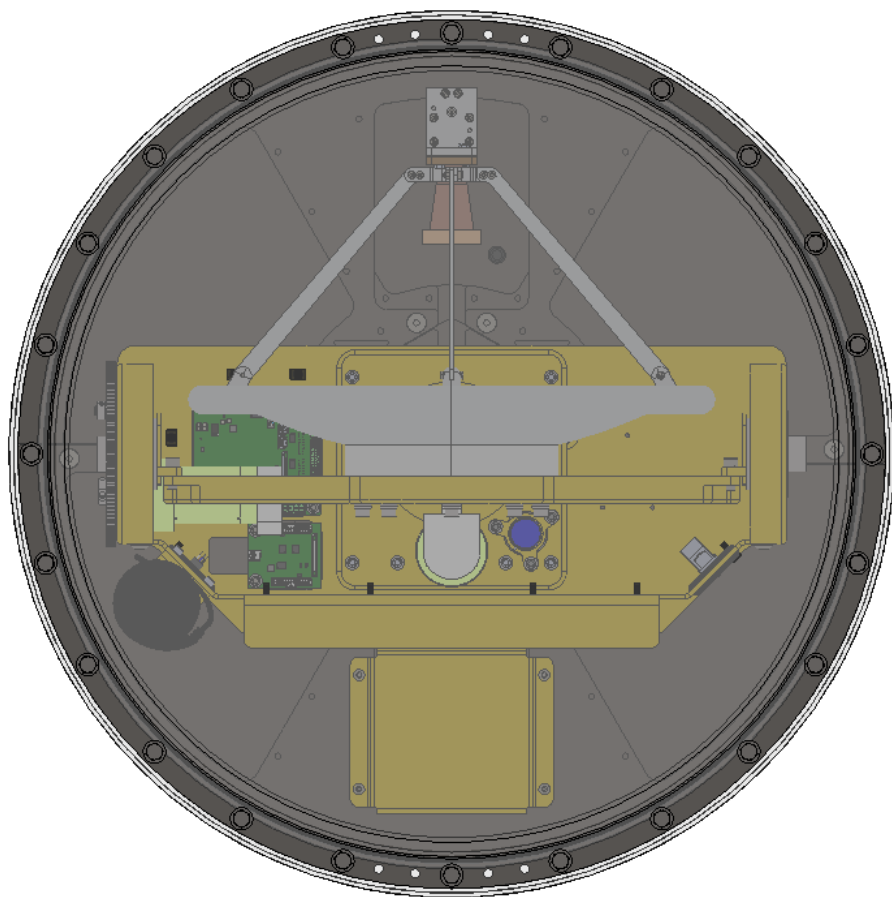


90° Elevation

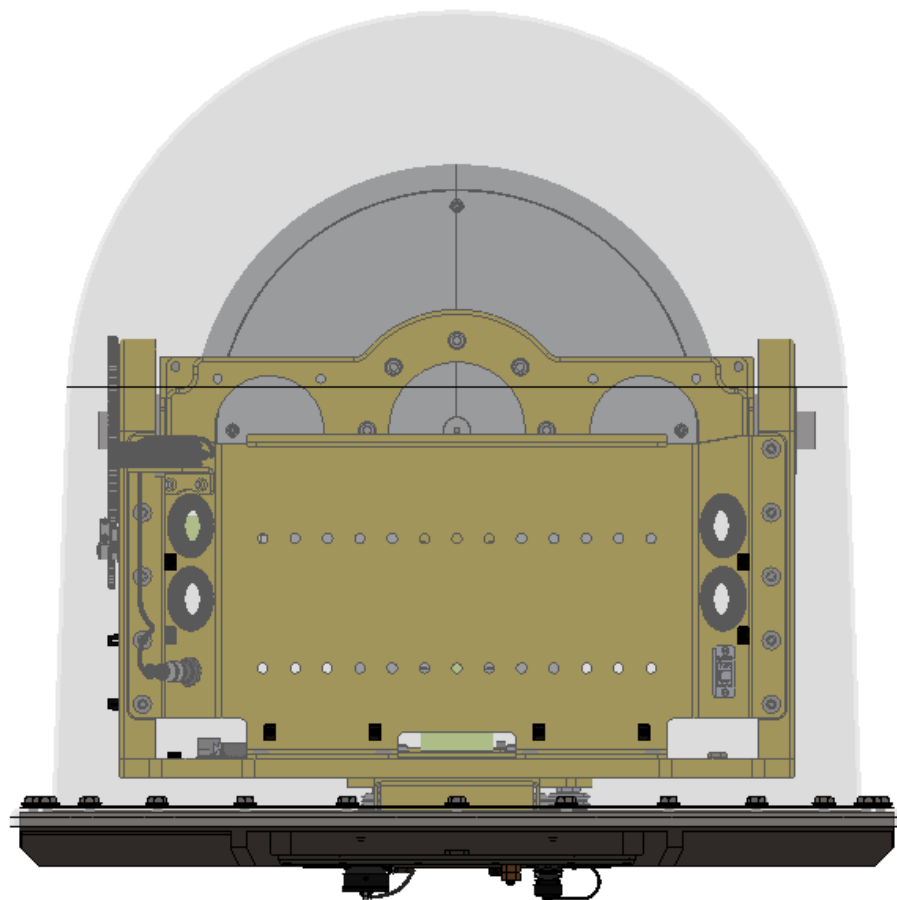


QLA-C360MPS-10-QSR340A152

Shown with Steatite QSR-340-A-152 Antenna & QWF-SL-6.5-18-N-R Feed



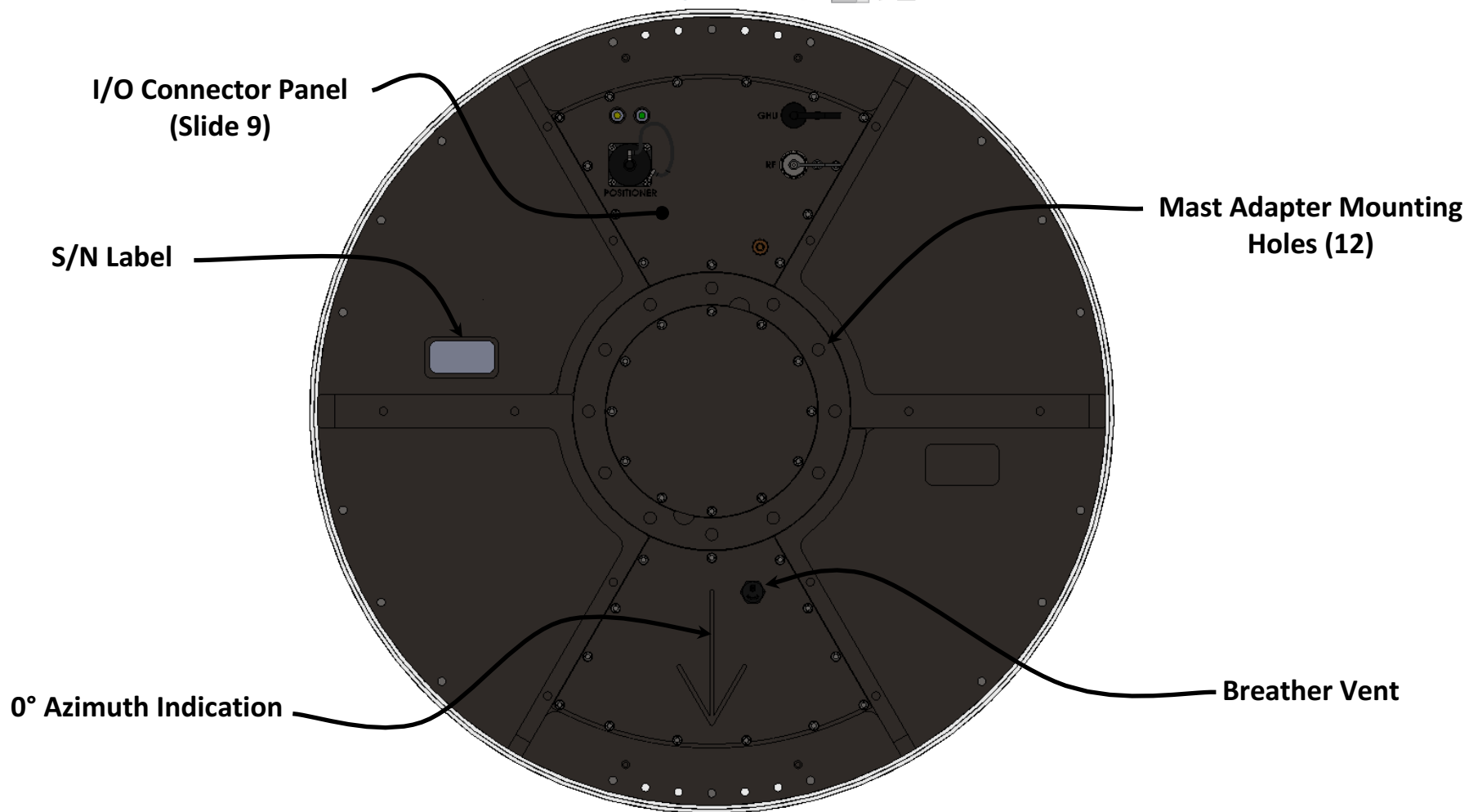
Top View at 0° Elevation



Back View at 0° Elevation

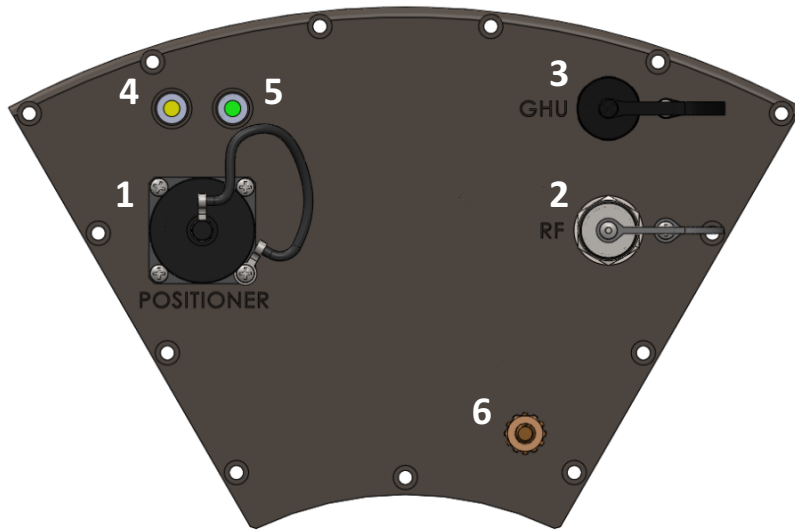
QLA-C360MPS-10-QSR340A152

Shown with Steatite QSR-340-A-152 Antenna & QWF-SL-6.5-18-N-R Feed



Bottom View

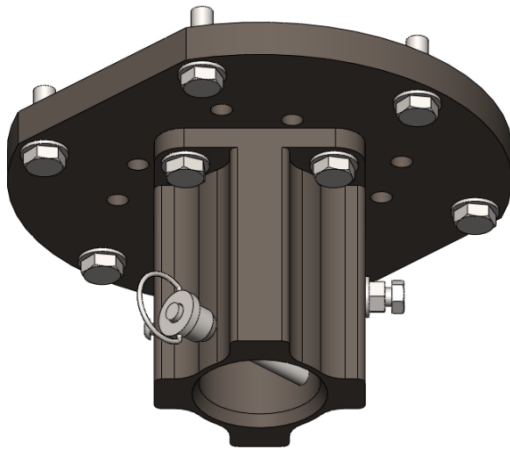
I/O Connector Panel Details



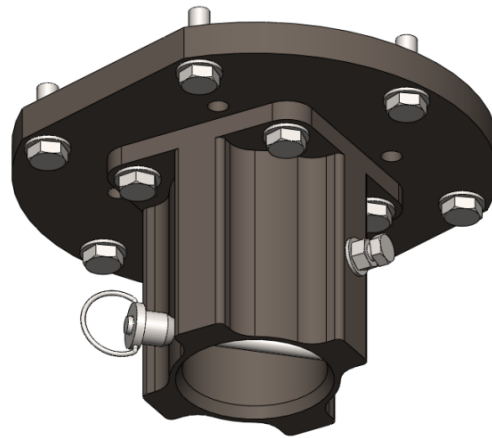
I/O Connector Panel

1. Positioner (PoE)
 - Amphenol P/N - RJF21RAB
 - Mating PoE cable provided
2. RF Connector
 - N-Type Female Connector
 - Internal RF cable connects to antenna feed
 - Cable length is approximately 60 inches long
 - RF cable p/n used is Teledyne Storm Microwave P/N - 072-0321-1.60MTR (Flexcore 210 N-SP to SMA-RAP N-SP to SMA-RAP)
3. GPS Heading Unit (GHU) connector for optional GHU accessory
4. Yellow LED
 - Positioner network activity
5. Green LED
 - Positioner power
6. Ground Lug
 - ¼-20 bronze stud with hex nut and star washer

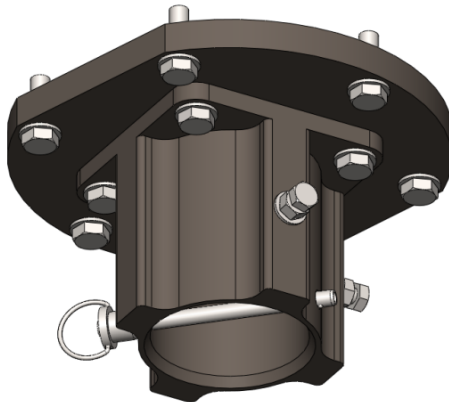
Accessory - Mast Adapter Options (2.0, 2.5 & 3.0 O.D. Mast)



QACC-N900788-2.0



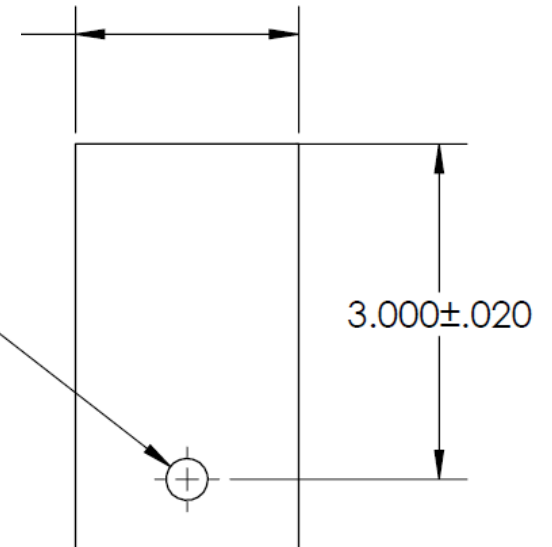
QACC-N900788-2.5



QACC-N900788-3.0

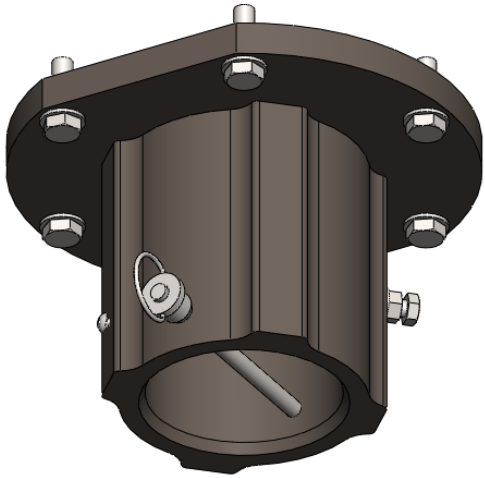
2.000 Dia +/- .040
2.500 Dia +/- .040
3.000 Dia +/- .040

Ø .375 THRU

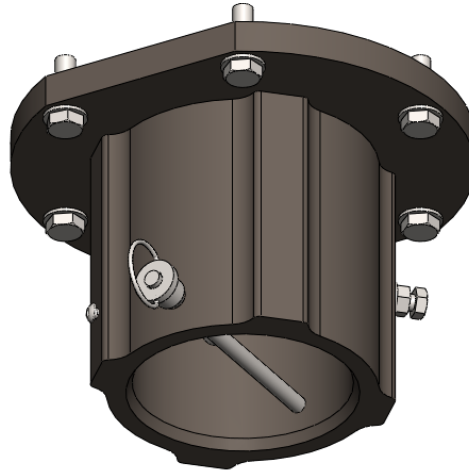


Mast Specifications (in)

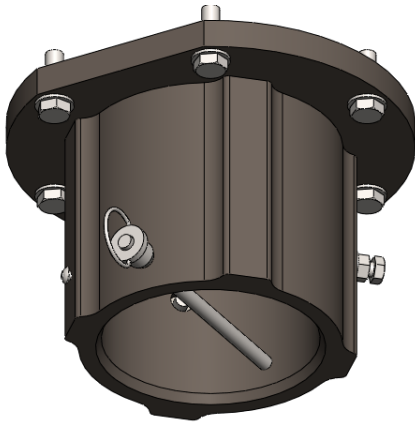
Accessory - Mast Adapter Options (3.5, 4.0 & 4.5 O.D. Mast)



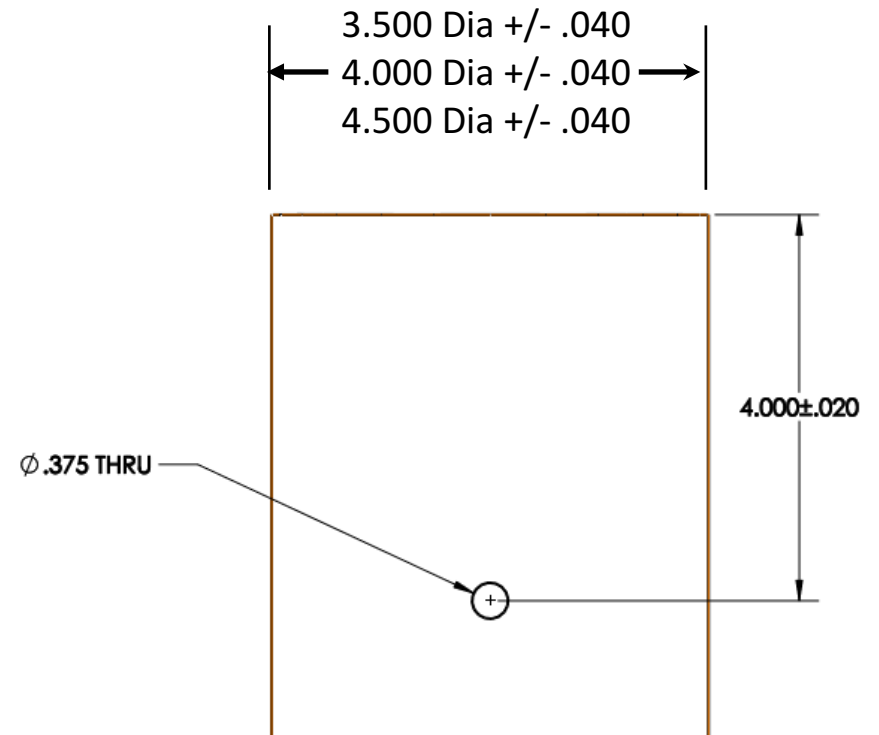
QACC-N900789-3.5



QACC-N900789-4.0

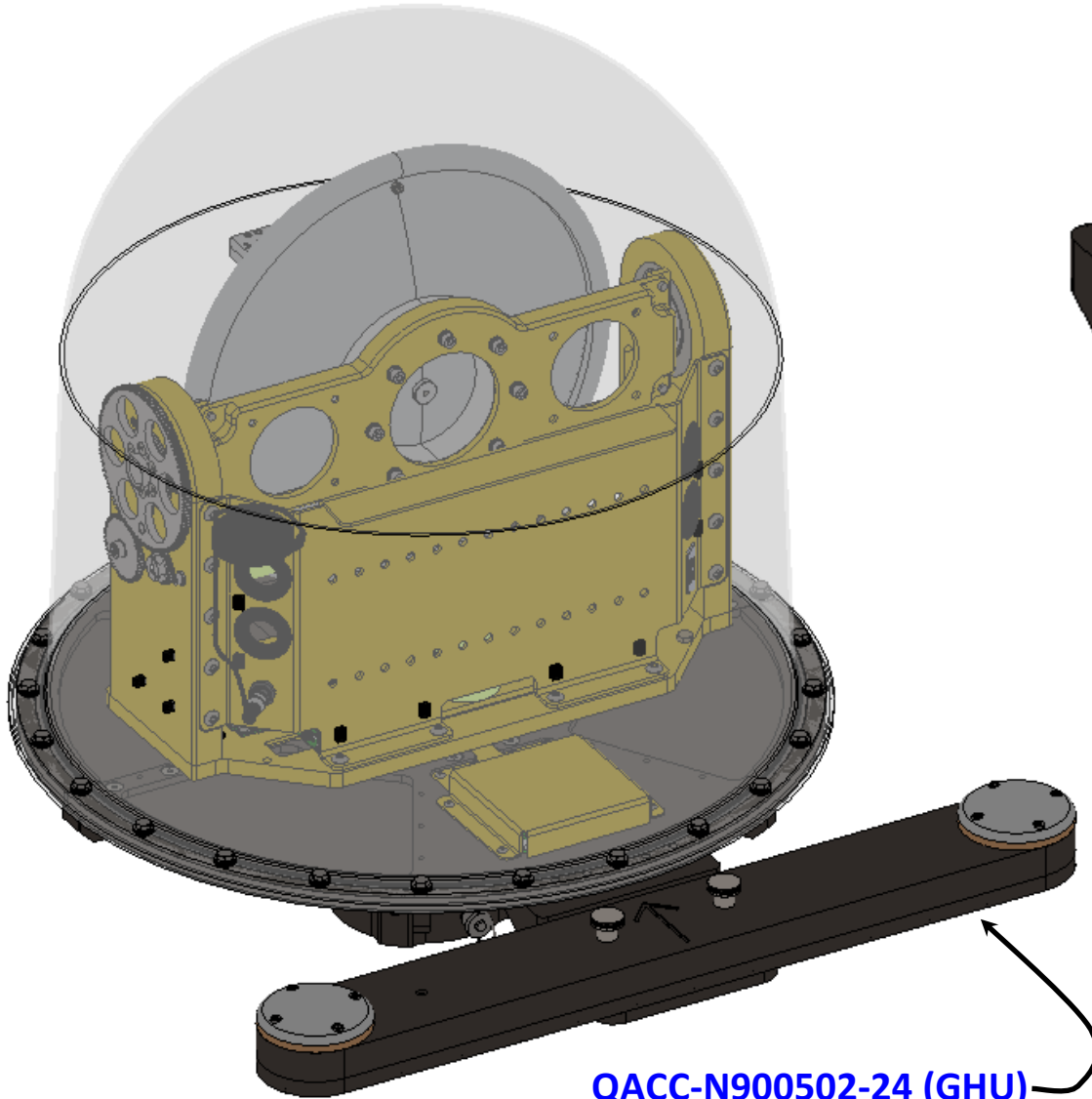


QACC-N900789-4.5



Mast Specifications (in)

Accessory - GPS Heading Unit (GHU)



**QANTB-N900854-1 (GHU
Mounting Bracket)**

QACC-N900502-24 (GHU)

QLA-360MPS-10-QSR340A152 Tech Specs

TECHNICAL SPECIFICATIONS - QLA-360MPS-10-QSR340A152

Power	50-57Vdc, 4 Pair PoE, Passive (Indoor Rated 50Vdc Supply Included)
External Material / Finish	Aluminum with stainless steel hardware / Hard coat anodize
Positioner Travel	
Azimuth	400° (+/-200°)
Elevation	110° (- 10° to +100°)
Positioner Drive Rate	
Azimuth	Variable, up to 25°/sec no load
Elevation	Variable, up to 25°/sec no load
Temperature	
Operational	-22 to 140°F (-30 to 60°C)
Survival	-40 to 158°F (-40 to 70°C)
Feedback Resolution	0.1°
Weight	56 lbs (25.5 kg) without antenna/radio
Dimensions with Radome	Height: 24.6" (62.5 cm), Diameter: 24.5" (62.2 cm)
Maximum Swept Volume	Internal Diameter: 21" (53 cm)
Communication Interface	
User Interfaces	Web based hosted internal to unit or our proprietary command protocol
Positioner Ethernet	10/100 Ethernet
Other	SNMP Interfaces for Acquisition and Tracking to most commercial radios