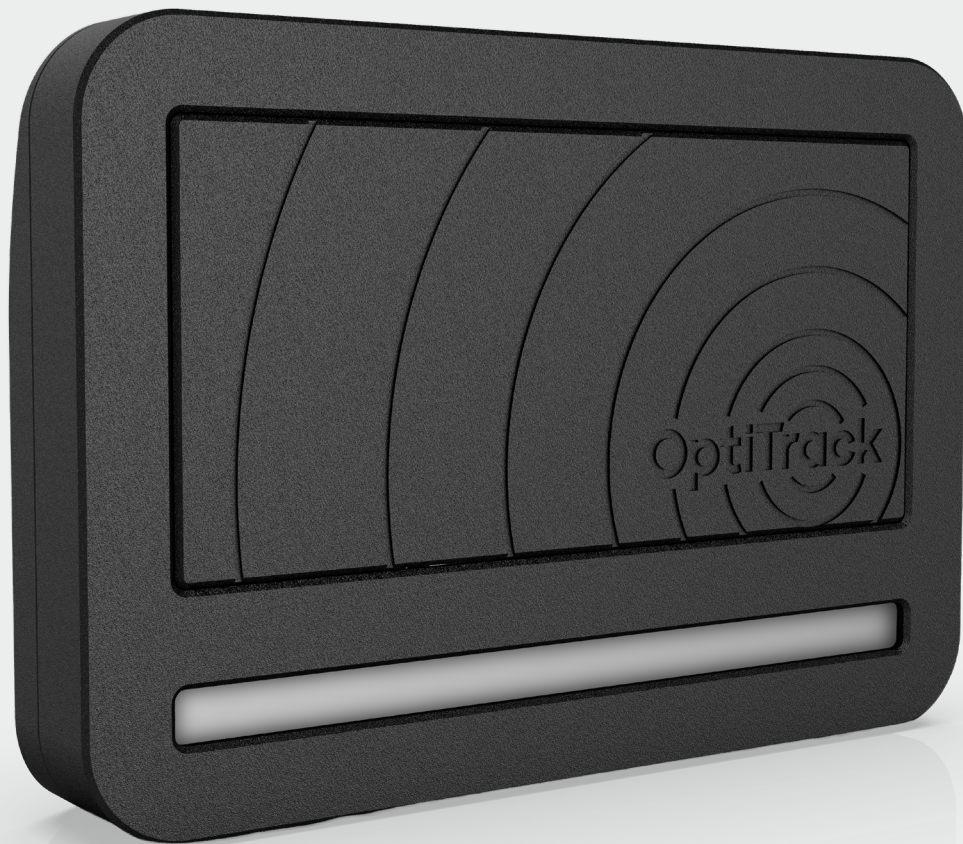


# ActiveIO Base Station

## Product Details

ActiveIO BaseStation synchronizes OptiTrack's cameras with ActiveIO products. By utilizing dual RF antennas, the ActiveIO BaseStation dramatically increases the number of ActiveIO products that can be tracked or allows for RF duplication to prevent frame dropouts in noisy applications.



# ActiveIO Base Station

## Specifications

Performance	
Latency	8.3 ms
Angle of Coverage (Front Face)	210°
Maximum Distance	TBD

RF	
Frequency	2.4 Ghz
# of Radios	2
FCC	CISPER 32 CLASS A/2.4GHz Intentional Radiator
FCC ID	XPYNORAB2 PART 15 of FCC Rules

Physical Attributes	
Width	146.3 mm (5.76')
Height	102.4 mm (4.03')
Depth	40.7 mm (1.6')
Weight (includes lens)	0.571 kg (1.26 lbs)
Base Materials	Aluminum (Anodized) Housing with Polymer Antenna and Light Covers
Color	Black

Electrical Dimmensions	
Power Input	PoE
IEEE Standard	IEEE 802.3af
Power Draw (@PSE)	3.5W (Avg.) / 5W (Peak)
Connector	RJ45 (IP67 Rated)
Cabling	Cat 6 or Cat 6a (Highly Recommended)
External Chasis Ground	#10-32 (Bare Threads)

Data Architecture	
Communication	GigE Ethernet / RF
Protocol	OptiTrack Proprietary

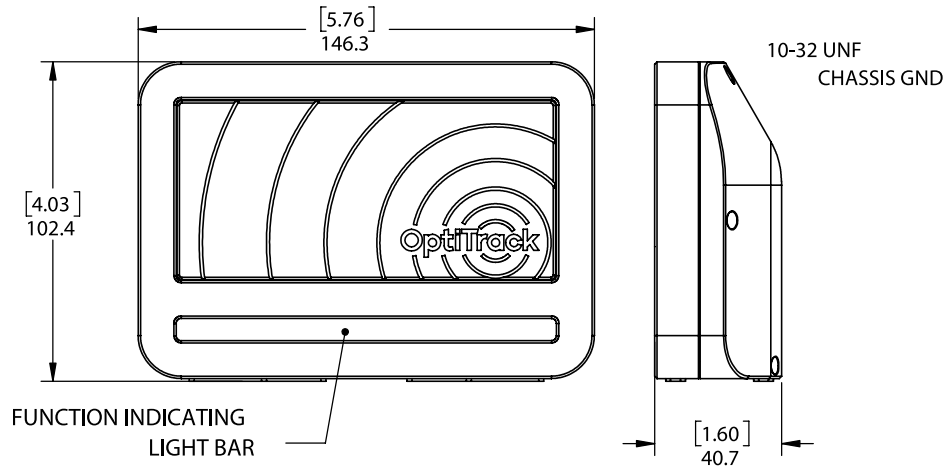
Status Indicators	
Numeric LED	N/A
On/Off	Lighted Button
Full Color Health and Activity LED Bar	Yes

Mounting	
Type & Qty	1/4"-20
Precision Alignment	No

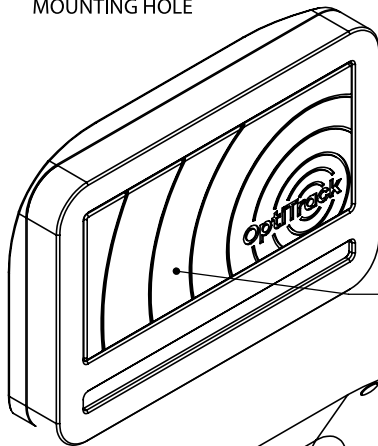
Environment	
IP Rating	IP67
Operational Temperature	5-50°C
Storage Temperature	-40-70° C
RoHS Compliant	Yes
CE	Yes
UL/CSA	CSA Only

# ActiveIO Base Station

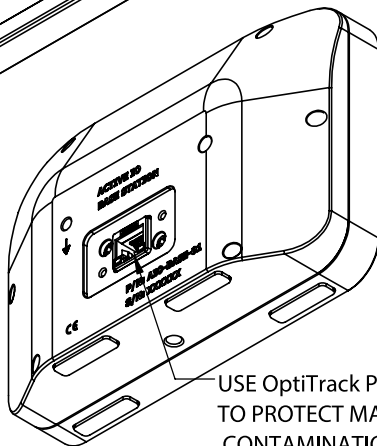
## Technical Drawing



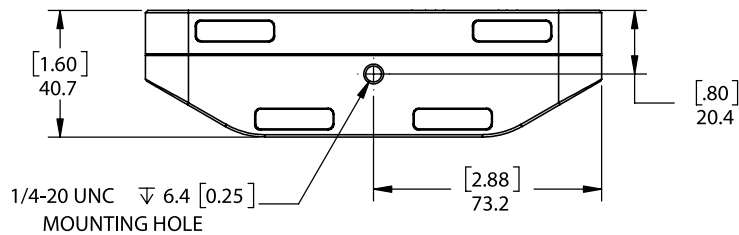
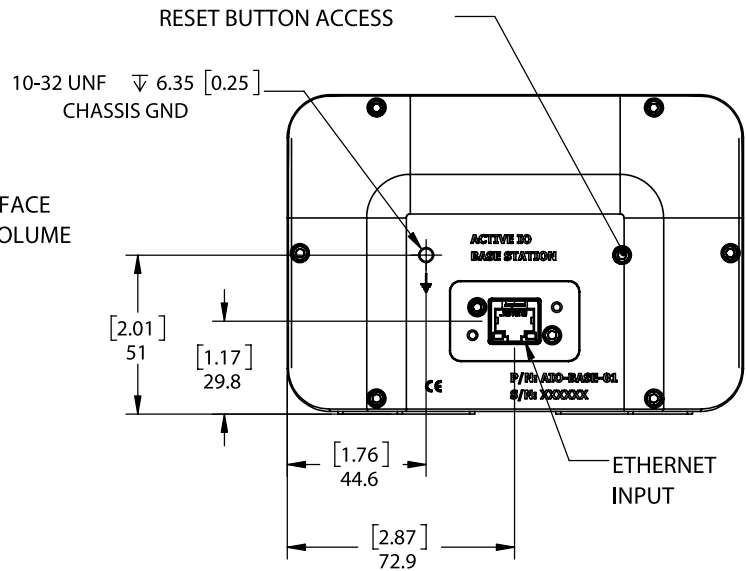
MOUNTING HOLE



ORIENT THIS FACE TOWARDS VOLUME



USE OptiTrack PART: ACC0058 RJ-45 PROTECTIVE BOOT TO PROTECT MATING RJ-45 CONTACTS FROM CONTAMINATION IN OUTDOOR ENVIRONMENTS



All specifications are subject to change without notification.

© 2025 NaturalPoint Inc. dba OptiTrack. All rights reserved. NaturalPoint, OptiTrack, Motive, trademarked slogans and logos are the property of NaturalPoint. All other product names are trademarks or registered trademarks of their respective companies 01.26

**OptiTrack**