

ActiveIO BaseStation

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.



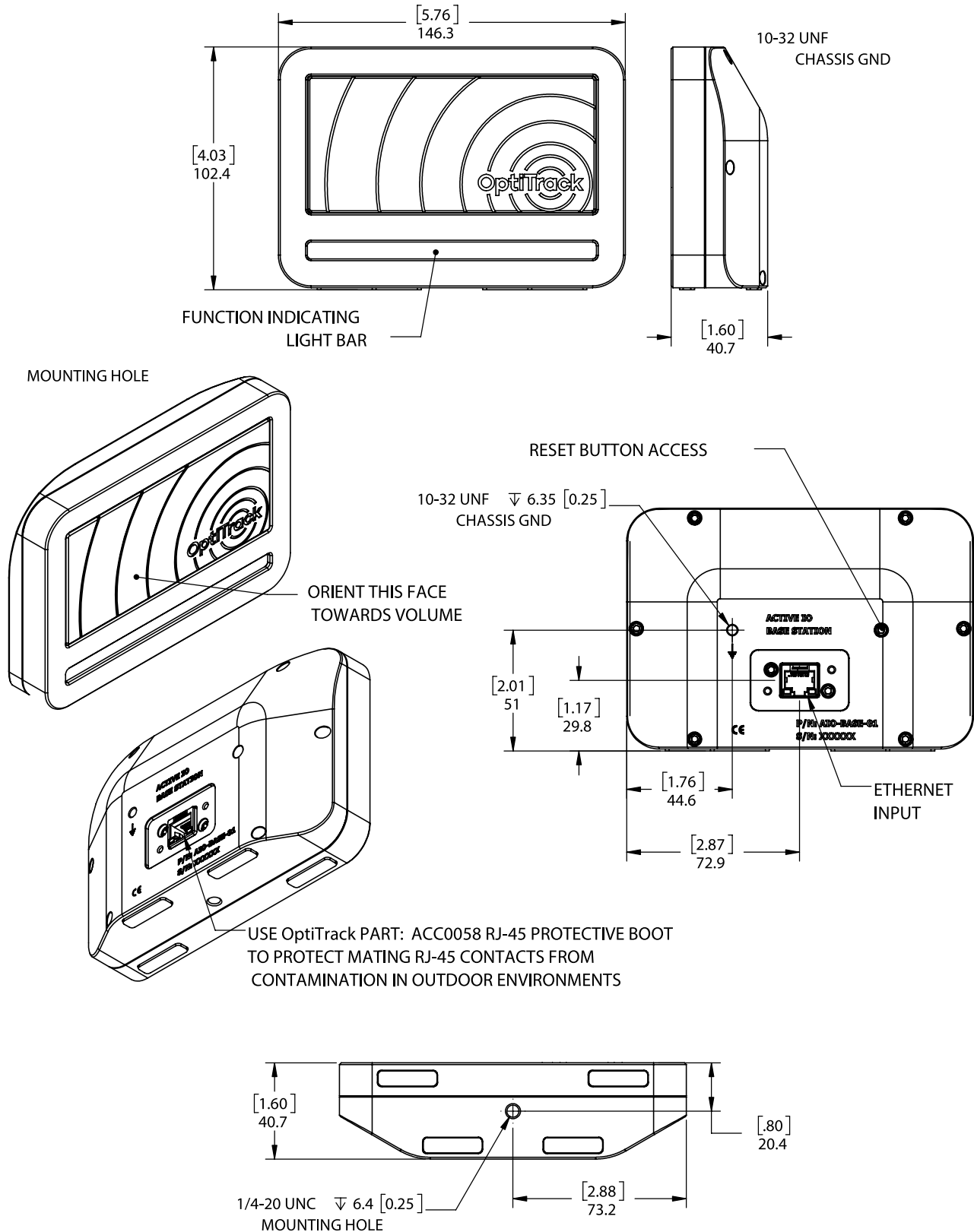
ActiveIO Base Station

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

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Technical Drawing



All specifications are subject to change without notification.

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