

ActiveIO Base Station

Product Details



ActiveIO Base Station

Specifications

Description

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 BaseStation is rated IP67, fully weatherproof, and ready to be permanently mounted for outdoor applications.

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 (with 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

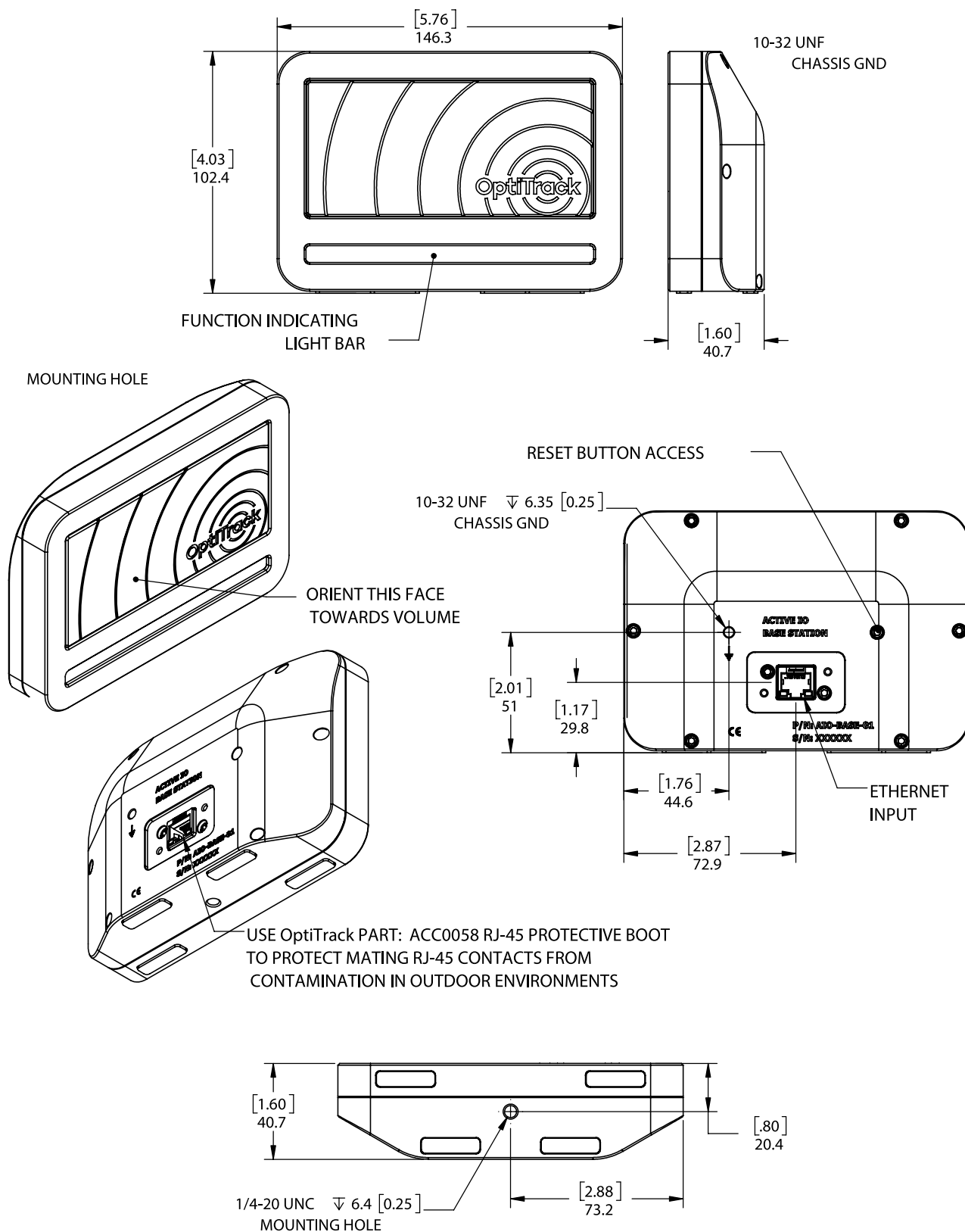
Type & Qty	1/4"-20
Precision alignment	No

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 Drawings



All specifications are subject to change without notification.

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