ActiveIO Tag-8
Product Details

The ActiveIO Tag-8 includes all the same technology as the ActiveIO Puck, without the external housing, allowing users to customize LED placement. It supports up to 8 LEDs for redundant, continuous tracking, and access to the GPIO port for button inputs or other custom connections.



ActiveIO Tag-8

Specifications

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

Physical Attributes	
Base Materials	Phenolic
Color	Black PCB

Electrical Attributes	
Power Input	USB 5V
Power Draw (@PSE)	100 mA (Idle), 150 mA (Paired)
Connector	USB Type-C / 4 Pin Molex Header

Data Architecture	
Communication	RF
Protocol	OptiTrack Proprietary

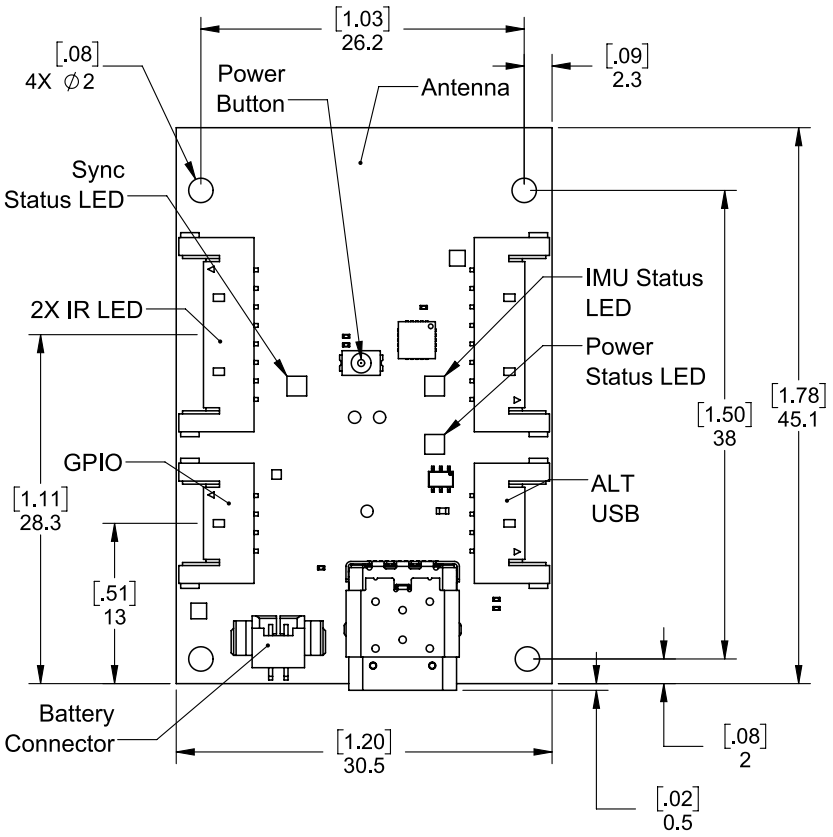
Status Indicators	
Numeric LED	No
On/Off	Button
Full Color Health and Activity LED Bar	No
Activity LEDs	Yes - 3

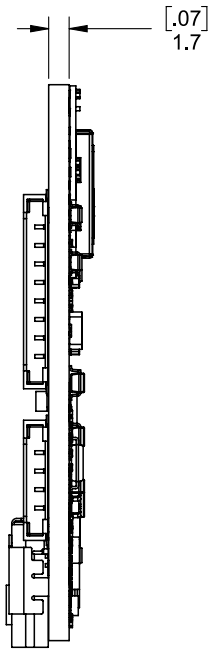
Mounting	
Type & Qty	N/A

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

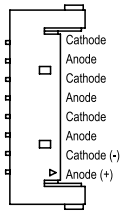
ActiveIO Tag-8

Technical Drawing



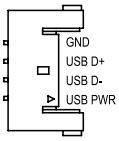


IR LED



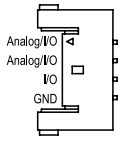
Molex 504000891
Mates to: 5040510801

ALT USB

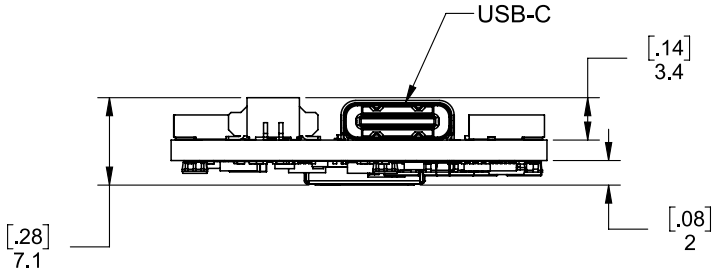


Molex 504000491
Mates to: 5040510401

GPIO



Molex 504000491
Mates to: 5040510401



Notes:

- GPIO Input (Digital & Analog) is 3.3V, High-Z
- GPIO Output (Digital Only) is 3.3V
- Use only 3.7V Lithium Polymer Batteries
- 3.8-5.0V input for Micro and Alterate USB connectors
- Recommend using OptiTrack LEDs or LEDs that work within these specifications:

  1.4 < VLED < 3.5 and ILED Max = 100 mA

All specifications are subject to change without notification.

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