

NOTES (UNLESS OTHERWISE SPECIFIED):

1. REFER TO USER MANUAL FOR ELECTRICAL CONNECTION AND CONTROL INFORMATION.
2. REFER TO FIGURE 1. AND REFERENCE AXIS FOR ANTENNA CONTROL COORDINATES.
Ex - POSITIVE AZIMUTH, POSITIVE ELEVATION POINTS TO UPPER LEFT QUADRANT WHEN
REFERENCING POSITIVE Z DIRECTION.
3. WEIGHT 2.78 LBS [1262 GRAMS] NOMINAL.
4. COOLING PROVIDED THROUGH NATURAL CONVECTION ONLY IN MOST INSTALLATIONS.
DO NOT BLOCK HEATSINK AIR PATH.
5. MULTIPIN CONNECTOR IS AN ECHODYNE PROPRIETARY CONNECTOR. CONTACT
APPLICATION ENGINEER
FOR HARNESS MATE OPTIONS. SEE TABLE I FOR GENERAL PIN INFORMATION.
6. ENVIRONMENT:
MOISTURE: IP67
DUST / SAND: IP67
STORAGE TEMP: -55°C TO +95°C
OPERATING TEMP: -40°C TO +75°C
ALTITUDE: 0 TO 30,000 FT

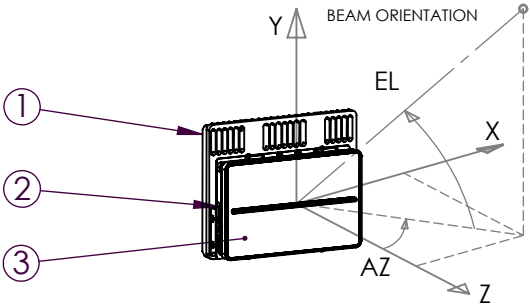
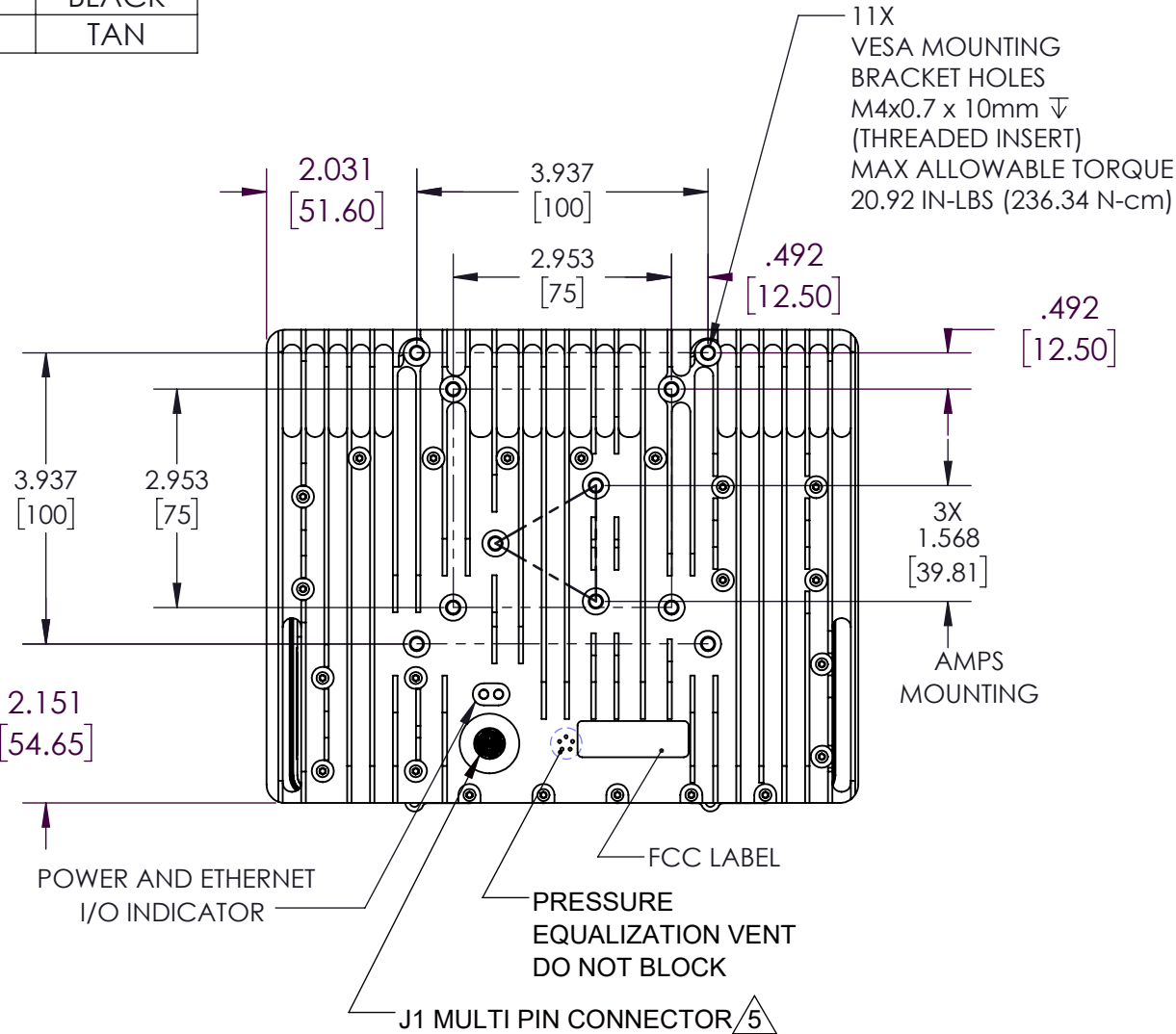
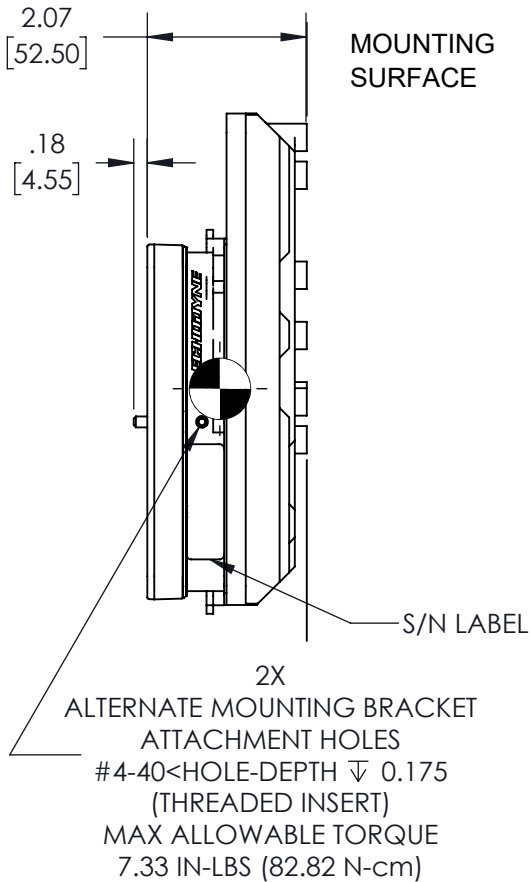
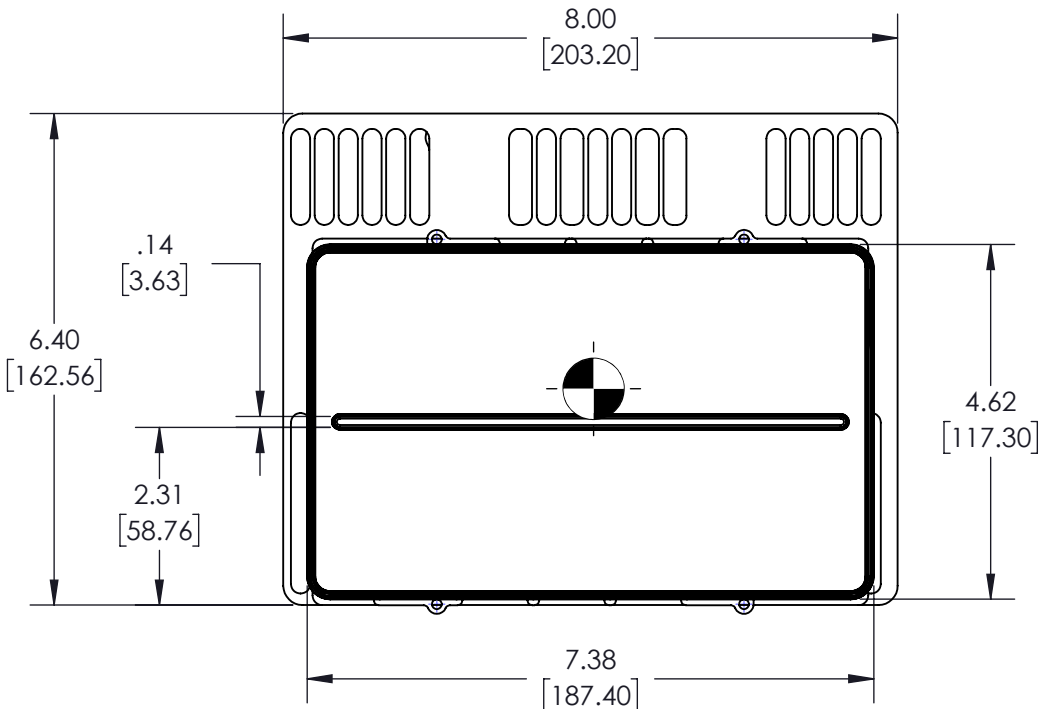




FIGURE 1

NO.	PART	COLOR	COLOR
1	HEATSINK	BEADBLAST ALUMINUM	TAN
2	CHASSIS	BLACK	BLACK
3	RADOME	WHITE	TAN

COLOR SCHEME



J1 GENERAL INFO TABLE I (SEE MANUAL FOR DETAILS)	
<ul style="list-style-type: none">POLARIZED SNAP LOCKRATED TO IP 67 SAND AND WATER ENVIRONMENTFINISH BLACK ANODIZEDEMI SHIELDED	
PIN	FUNCTION
GROUP 1	DC PWER/GRND EG - US: 15 - 28 VDC EG - CR: 12 - 28 VDC (5 AMPS MAX NOTED)
GROUP 2	GIGABIT ETHERNET
GROUP 3	DISCRETE CONTROL DIGITAL LINES

DESTRUCTION NOTICE - DESTROY DOCUMENTS BY ANY METHOD THAT WILL PREVENT DISCLOSURE OF CONTENTS OR RECONSTRUCTION OF THE DOCUMENT.						QTY REQ'D	CODE INDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	ITEM NO.				
DIMENSIONS ENCLOSED IN BRACKETS [] ARE EXPRESSED IN MILLIMETERS.							TOLERANCE			DRAWING PER Y14.100M DIMENSIONING PER ANSI Y14.5	CONTRACT NO.	TITLE	 12112 115TH AVE NE STE A, KIRKLAND, WA 98034 WWW.ECHODYNE.COM		
							UNLESS OTHERWISE SPECIFIED								
UNLESS OTHERWISE SPECIFIED, TOLERANCES ON MILLIMETERS ARE:						2 PLACE DIM. ±.01	3 PLACE DIM. ±.005	4 PLACE DIM. BASIC	MATERIAL	DRAWN R. EAGLESTONE	20161027	SIZE	CAGE NO.	DWG NO.	REV
2 PLACE DIM.						3 PLACE DIM.	4 PLACE DIM.	ANGLES ±1°	SURFACE FINISH MACHINED	CHECK B. GRAVES	20161027	B	7DG42	700-0005-203	05
0.375 MM						0.127 MM	BASIC	ALL DIMENSIONS ARE IN INCHES AND DO NOT INCLUDE APPLIED FINISH.	FINISH	PROJ. ENG.					
EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THIS DOCUMENT IS THE PROPERTY OF THE ECHODYNE CORPORATION. IF RELEASED TO OTHER SOURCES, IT SHALL BE RECEIVED BY SUCH SOURCES IN TOTAL CONFIDENCE AND SHALL NOT BE REPRODUCED COPIED, RELEASED TO ANY THIRD PARTY OR PARTIES, NOR USED FOR MANUFACTURE OR SALE OF THE ARTICLES WITHOUT PRIOR WRITTEN AUTHORIZATION.						REMOVE BURRS & SHARP EDGES 0.005/0.015 RAD INSIDE CORNERS 0.005/0.010X45° OUTSIDE EDGES			N/A	Q.A.					
DASH NO.	NEXT ASSEMBLY	USED ON	N/A	U/O	QTY REQ	CONCENTRICITY - .005 T.I.R.	PERPENDICULARITY - .003 IN./IN	PARALLELISM - .003 IN./IN							
APPLICATION															