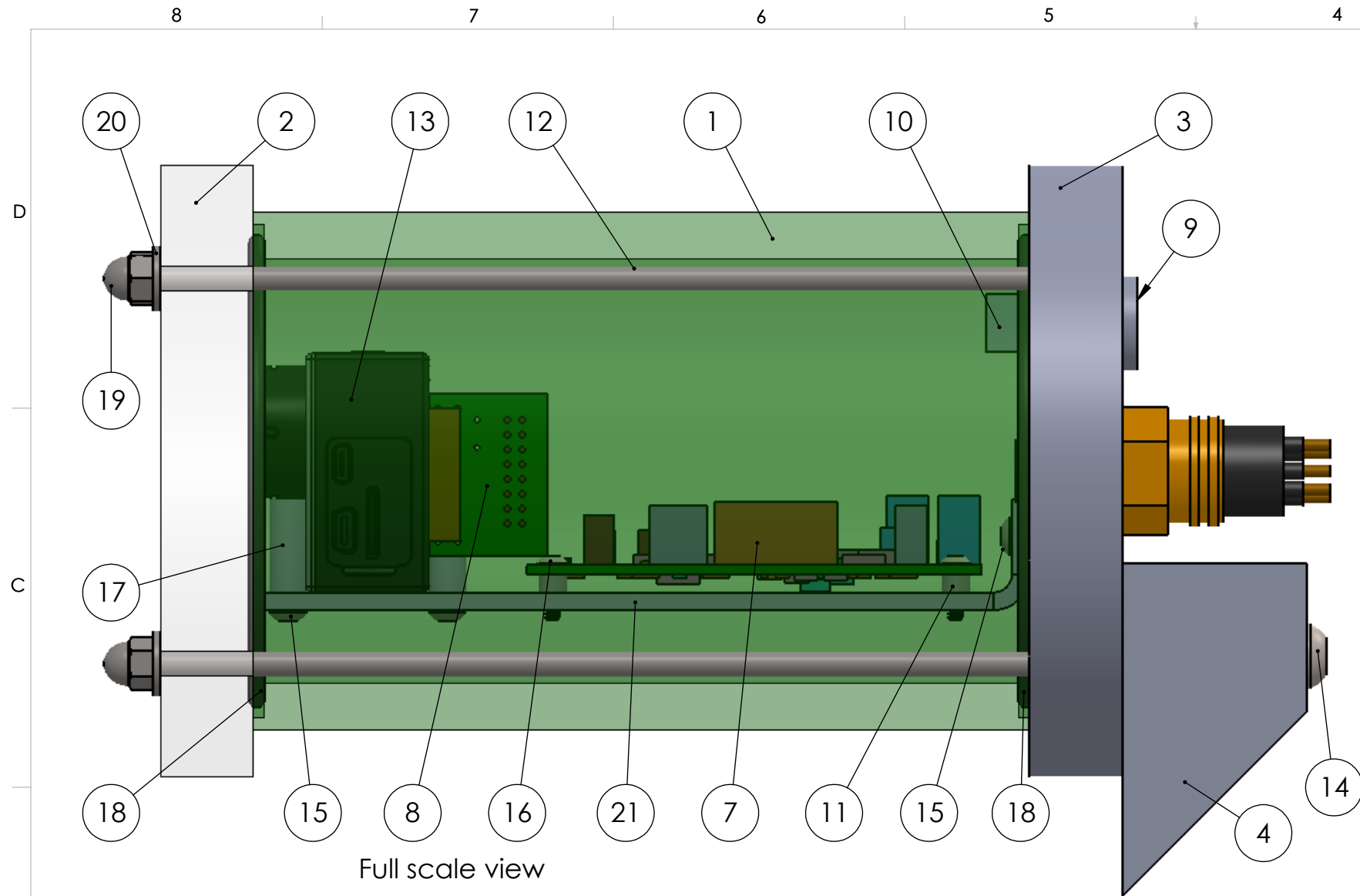
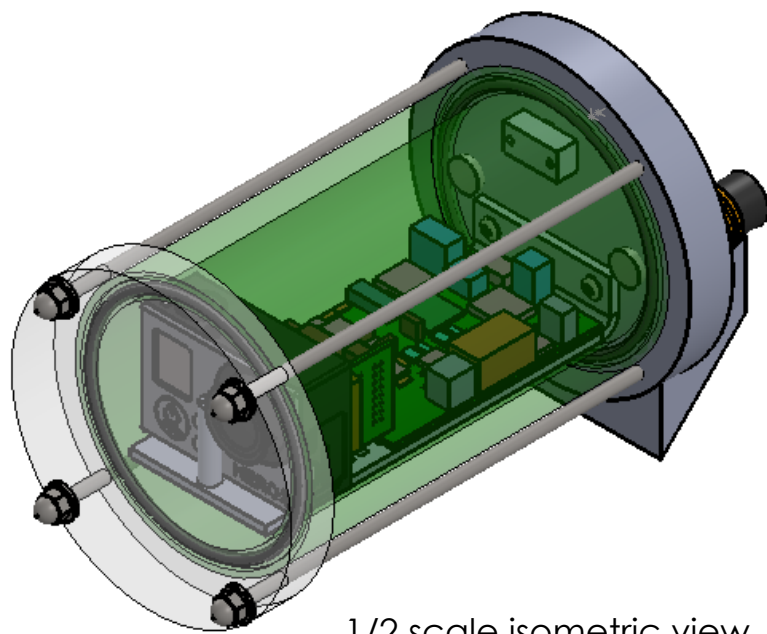
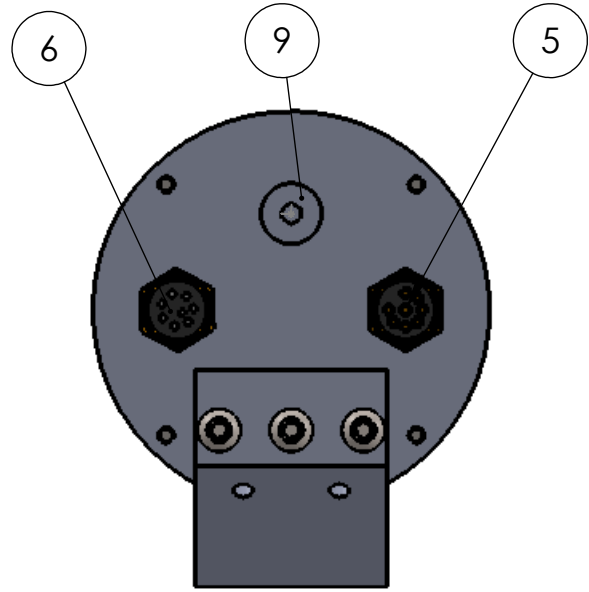




Full scale view



1/2 scale isometric view



1/2 scale side view

ITEM NO.	PART NAME	Description	Default/ QTY.
1	SeeStar_Camera_Housing_Tube	Tube for battery housing, 3" sch 80 PVC pipe	1
2	SeeStar_Front_End_Cap	Acrylic window for Light, battery and camera modules	1
3	SeeStar_Camera_Rear_End_Cap	Rear end cap for camera housing	1
4	SeeStar_Wedge_Bracket	Optional bracket for mounting camera or light at 45 deg	1
5	Subconn_MCBH8M	SubConn micro deries 8 pin male connector	1
6	Subconn_MCBH8F	SubConn Micro Series 8 pin Female Connector	1
7	SeeStar_Control_Board_V2	Main control PCB	1
8	10020898tbrb_scpikinsadaptor_solid-1	Camera adapter board	1
9	SAE_#5_Plug	Size 5, morb SAE plug, stainless steel	1
10	USB_Connector_AmphenoL_MUSB-B551-04	Optional USB connector, Amphenol Part #MUSB-B551-04	1
11	Standoff .125 #4	1/8" nylon washer for #4 screw	4
12	Camera_Housing_Tie_Rods	6.75" long 8-32 threaded rod, St. steel	4
13	GoPro_Hero_3	Gopro Hero 3 camera	1
14	0.25-20x1.75_screw	1/4"-20 x 1.75" socket head cap screw	3
15	Pan_Head_Screw-6-32x0.375	6-32 x 3/8" pan head screw	5
16	Pan_Head_Screw-4-40x0.375	Pan head screw, 4-40 x 3/8"	4
17	Standoff_1x0.25x6-32	1" length, 1/4" diameter, 6/32" thread standoff	3
18	o-ring-151	2-151 Buna-N o-ring	2
19	Acorn_Nut_8-32	8-32 acorn nut, stainless steel	4
20	Flat_Washer_#8	Size 8 flat washer, stainless steel	4
21	Camera_And_Board_Support	Camera and PCB support plate	1

BILL OF MATERIALS

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 				
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	8/21/2014							
1. DIMENSIONS ARE IN INCHES				ENGINEER	Francois Cazenave							
2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED								
3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.								
4. MACHINED FILLET RADII .0150-.030.				PROJECT		SeeStar		SeeStar_Camera_Housing				
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005								SIZE B		DWG. NO.	REV.	
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.								SCALE		1:5	CAD FILE:	SHEET 1 OF 1
DO NOT SCALE DRAWING				WEIGHT		2.4 lbs						