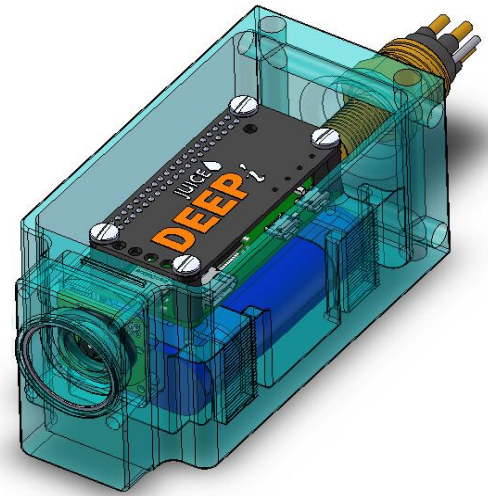




DEEPi 1

-Stand Alone 1080p Video Camera
- 1000 / 3000 m rated



Performance Specifications

Battery Life	4 Hrs
On Board Recording Capacity	256 GB
Video Triggering	Enable Dummy <i>Custom triggering schemes available upon request.</i>
Charging Voltage (Nominal)	5V
Typical Charging Time	2.1 Hrs

Optical Specifications

Lens	3.04 mm Fixed Focus F2.0
FOV in Air	62.2° H x 48.8° V

Video Specifications

Image Sensor	Sony IMX219
Sensor Resolution	3280 x 2464 pixels
Sensor Image Area	3.68mm x 2.76mm (4.6mm diagonal)
Pixel Size	1.12 µm x 1.12 µm
Optical Size	¼ inch
Video Modes	1080p30 720p60 and 640 480p60/90
Still Resolution	8 Megapixel

Connectivity

Wifi enabled	Yes
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Environmental Specifications

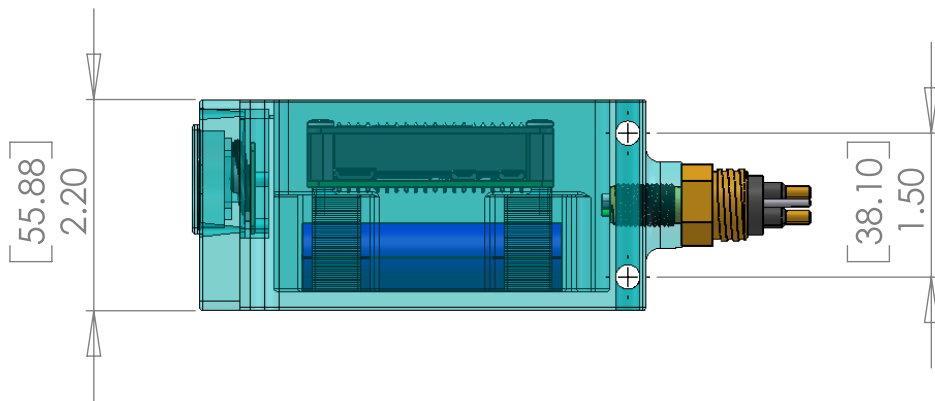
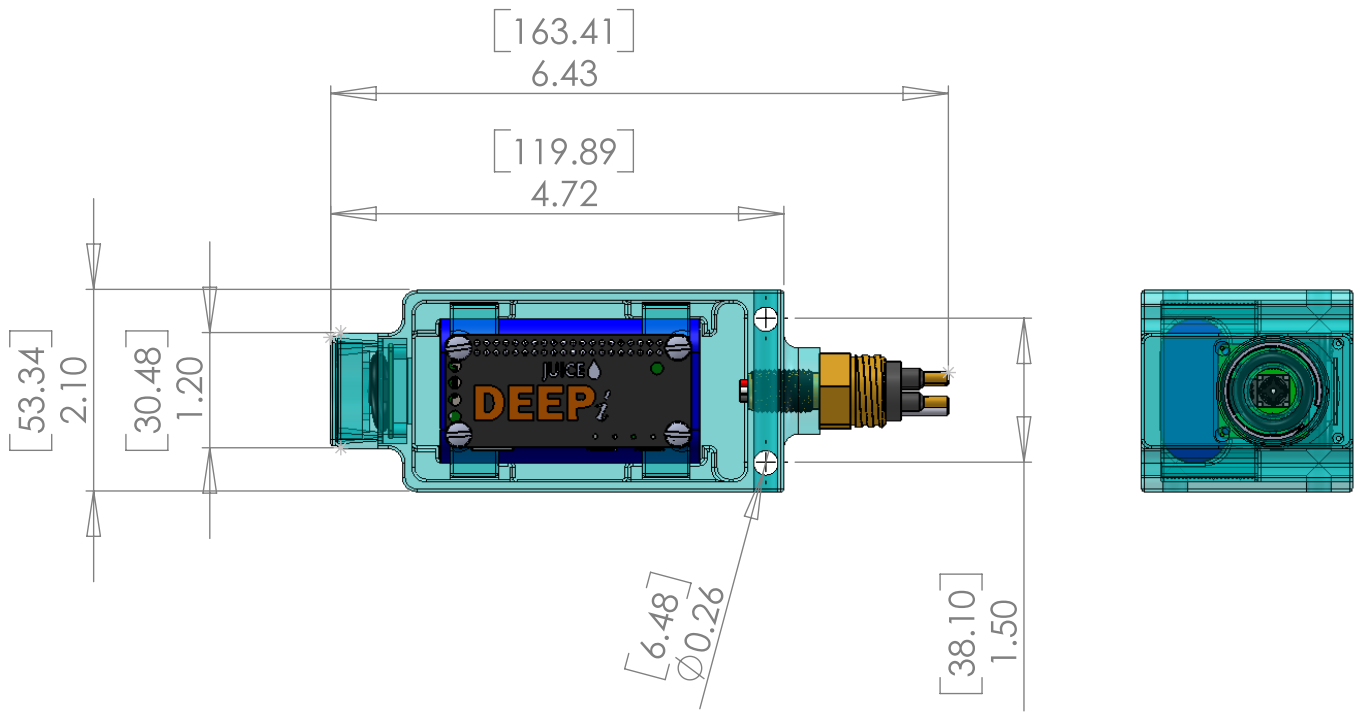
Depth Rating	1000m standard 3000m optional
Operating Temperature	-10° C to 50° C (14° F to 122° F)

Mechanical Specifications

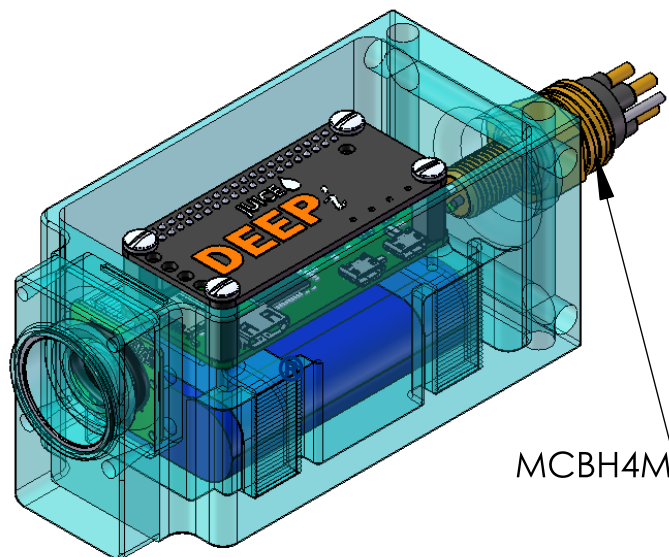
Housing	SLA / Urethane Potted Matrix
Port	Polished Borosilicate Glass
Dimensions (w/o connector)	4.72 [119.89] x 2.10 [53.34] x 2.20 [38.1] (inch [mm])
Weight	1.09 lb [497 g]

Juice Robotics LLC
307 Oliphant Lane, Unit 25
Middletown RI 02840

www.juicerobotics.com
contact@juicerobotics.com



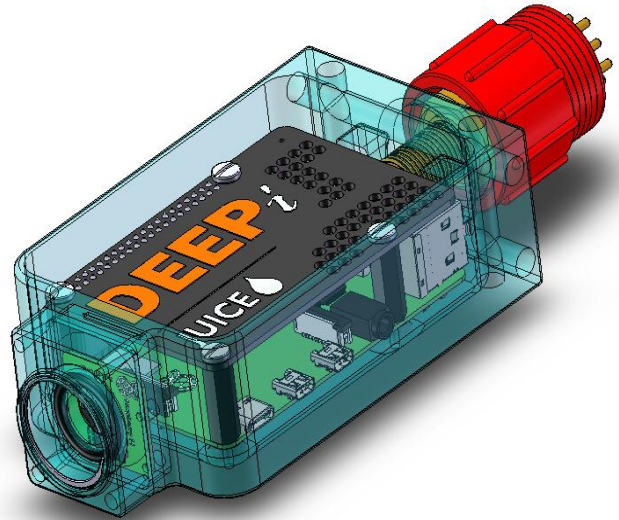
Pin	Function
1	Gnd
2	5V
3	Enable
4	



MCBH4M

inch [mm]





DEEPi 1L

- Live Video IP Camera
- 1000 / 3000 m rated

Optical Specifications

Lens	3.04 mm Fixed Focus F2.0
FOV in Air	62.2° H x 48.8° V

Video Specifications

Image Sensor	Sony IMX219
Sensor Resolution	3280 x 2464 pixels
Sensor Image Area	3.68mm x 2.76mm (4.6mm diagonal)
Pixel Size	1.12 µm x 1.12 µm
Optical Size	¼ inch
Video Modes	1080p30 720p60 and 640 480p60/90
Still Resolution	8 Megapixel

Connectivity

Live Video Output	h264 IP video
Wifi Enabled	Yes

Environmental Specifications

Depth Rating	1000m standard 3000m optional
Operating Temperature	-10° C to 50° C (14° F to 122° F)

Electrical Specifications

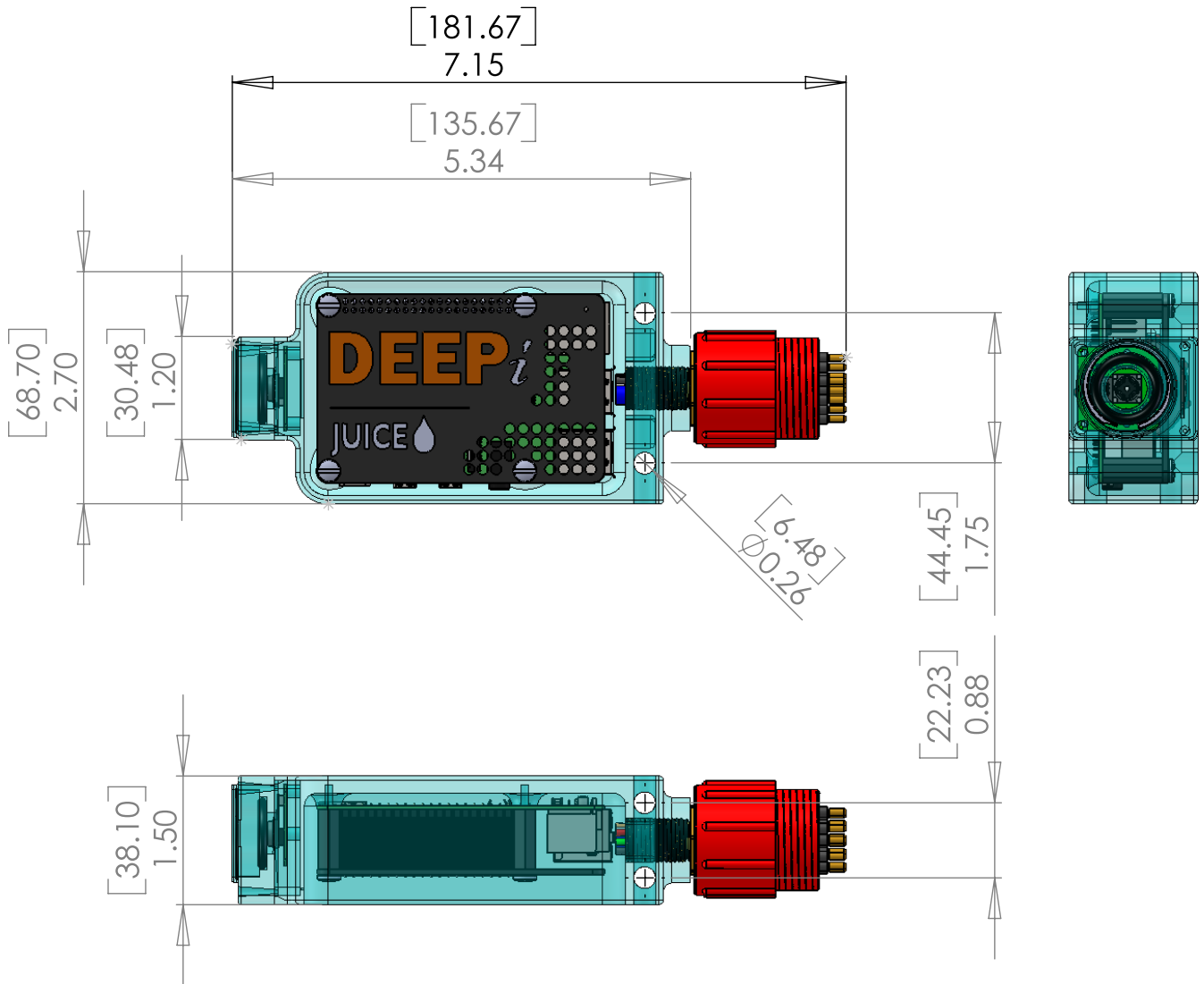
Input Voltage Range	9-36VDC
Power Consumption	5W max

Mechanical Specifications

Housing	SLA / Urethane Potted Matrix
Port	Polished Borosilicate Glass
Dimensions (w/o connector)	5.34 [135.67] x 2.70 [68.7] x 1.50 [38.1] (inch [mm])
Weight	.76 lb [346 g]

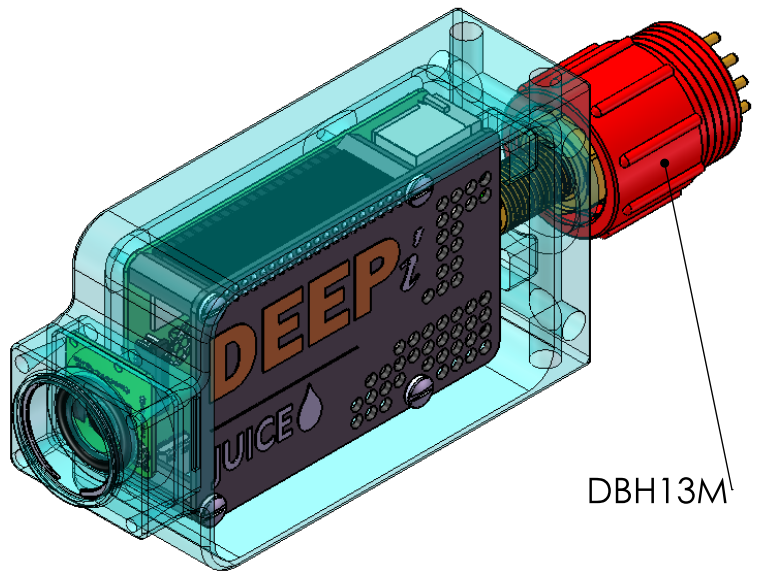
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Pin	Function
1	Ground
2	N/C
3	9-36V
4-11	RJ-45 / T568 B
12	N/C
13	N/C

inch [mm]



DBH13M

