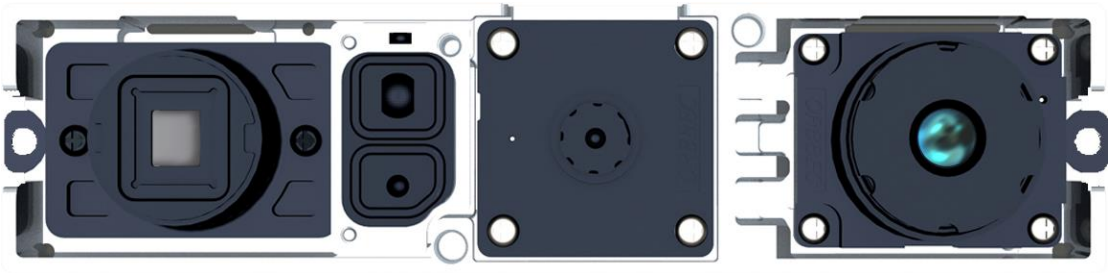
Orbbec Astra Mini Datasheet

HW Specs	Depth Image Res.	640 x 480 (VGA) @ 30 FPS
		320 x 240 (QVGA) @ 30 FPS
		160 x 120 (QQVGA) @ 30 FPS
	RGB Image Res.	1280 x 960 @ 7 FPS
		640 x 480 @ 30 FPS
		320 x 240 @ 30 FPS
	FOV	73D x 60H x 49.5V
	Size	80mm x 20mm x 20mm
	Operation Range	0.6m to 5.0m
	Operating Temp.	0 - 40°C
	Data Interface	USB 2.0
	Power Supply	USB 2.0
	Power Consumption	< 2.4 W
SW Support	OS	Android/Linux/Windows 7/8/10
	SDK	Astra SDK or OpenNI 2 or 3rd Party SDK
	Middleware	Astra Middleware or 3rd Party Middleware
Accuracy		+/- 1-3mm @ 1m
Optional	IR Flood	830nm IR Flood



Notes:

- The IR Flood is an optional accessory for advanced users only. It may not be included in the package depends on our stock level.
- Cooling Fins (30 x 16mm x 1 Pc + 75 x 16mm x 1Pc) are included in the package. However, you are free to use your self-designed cooling system.

Astra Mini USB Specs:

Customers are free to build their own USB cable. However, the connector on the PCB should not be replaced. Replacing any components on the PCB board will violate all warranties.

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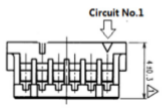
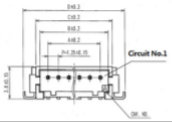
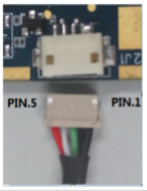
PLUG(DF13-5S-1.25C)



RECEPTACLE(DF13A-5P-1.25H)

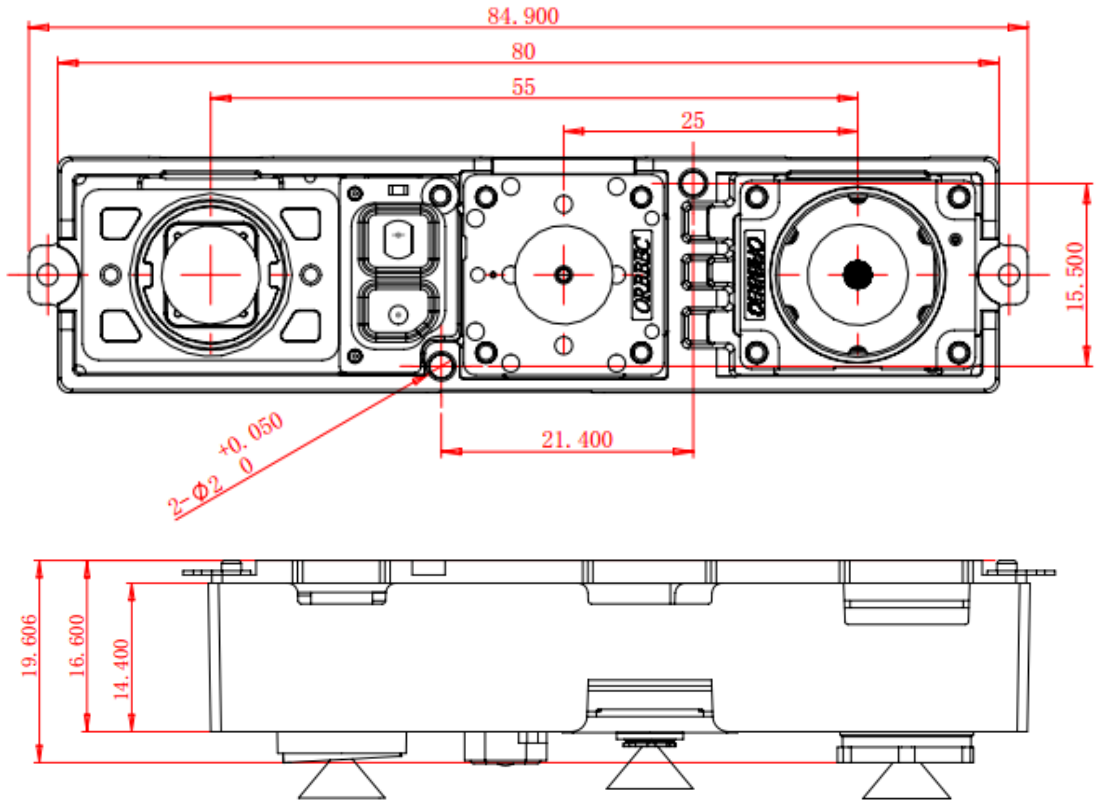


Assembly



POSITION	NAME	Modify NAME	TYPE	DESCRIPTION
1	GND			Ground
2	GND			Ground
3	DP			Data+
4	DM			Data-
5	VDD			supply Voltage,Connect to 5V

Astra Mini Dimensions (mm):



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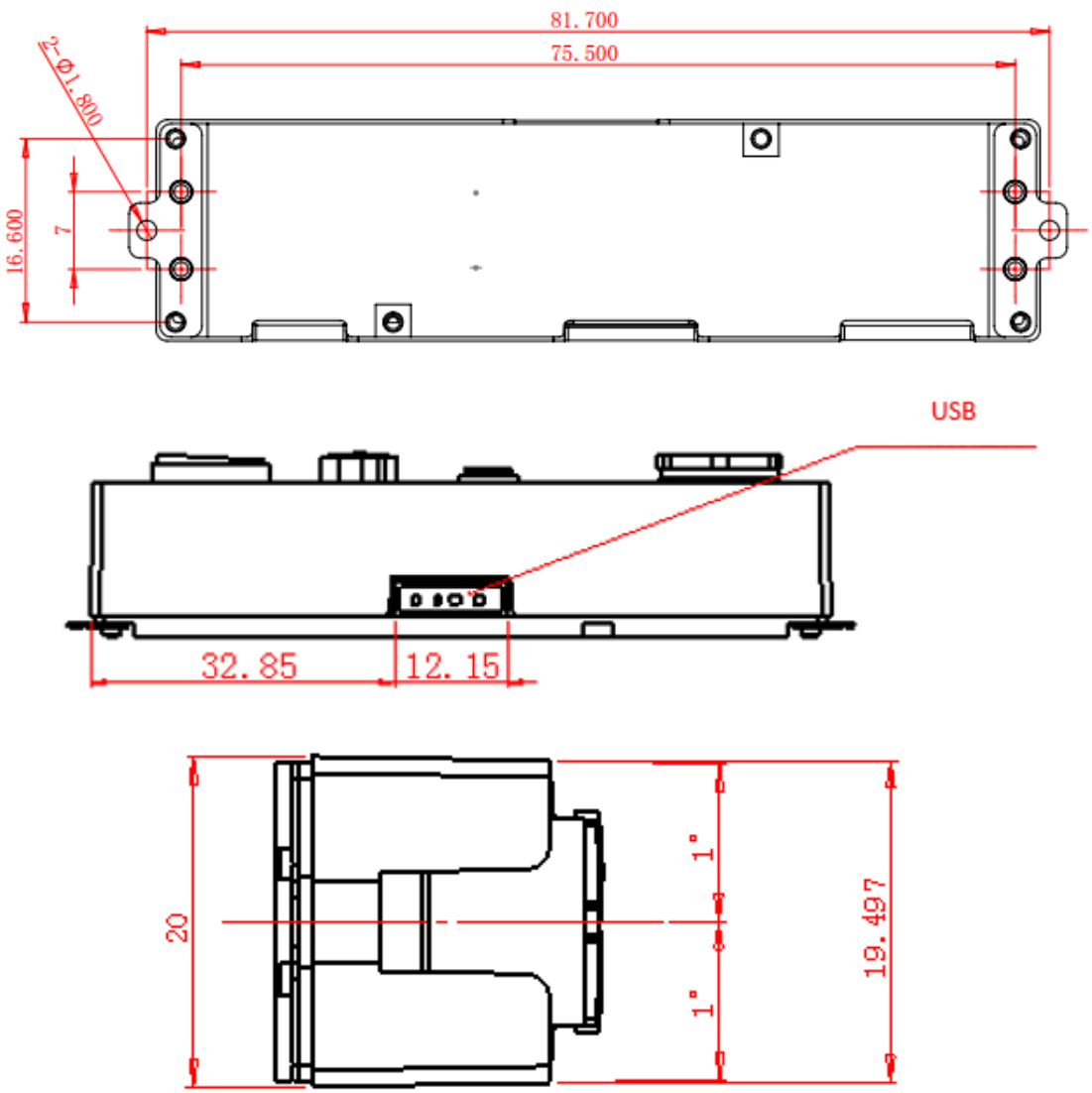

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