

## Orbbec Astra (no UVC support) Datasheet

HW Specs	Depth Image Res.	640 x 480 (VGA) 16 bit @ 30 FPS
		320 x 240 (QVGA) 16 bit @ 30 FPS
		160 x 120 (QQVGA) 16 bit @ 30 FPS
	RGB Image Res.	1280 x 960 @ 10 FPS
		640 x 480 @ 30 FPS
		320 x 240 @ 30 FPS
	FOV	73D x 60H x 49.5V
	Size	165mm x 30mm x 40mm
	Operation Range	0.4m to 8.0m Optimized Range 0.4m to 6.0m
	Operating Temp.	-10° C to 50° C
	Data Interface	USB 2.0
	Microphones	2 (Build-in)
Power Supply	USB 2.0	
Power Consumption	Full 1.85W   Standby 1.465W	
SW Support	OS	Android/Linux/Windows 7/8/10
	SDK	Astra SDK or OpenNI 2 or 3 <sup>rd</sup> Party SDK
	Middleware	Astra Middleware or 3 <sup>rd</sup> Party Middleware
Accuracy	@ 1m	± 1-3mm
	@ 2-3m	± 12.7mm

## Who may need Orbbec Astra?

Orbbec Astra is high performance, general purpose 3D sensor which suits various applications.

Please note:

- If you are looking for 3D sensor for short range 3D scanning, please try [Astra S](#).
- If you are looking for any sensor with enhanced RGB performance, please try [Astra Pro](#).
- If you are looking for a sensor with integrated processing unit, please try [Persee](#).