

For touchless interface, Auto ADAS, personal mobility, machine vision, robots, AI, IoT, VR/MR, Smart Device development.

	aeroTAP 3D USB G2	aeroTAP 3D USB	aeroTAP 3D USB GS
			
Baseline	3cm	3cm	6cm
Depth Range	20cm ~ 300cm	25cm ~ 250cm	25cm ~ 400cm
Depth Res.	320x240,640x480,640x360,1280x720	320x240, 640x480, 640x400	640x480, 1280x720
Color Res.	320x240,640x240,640x480,640x360, 1280x480,1280x720, 2560x720	320x240,640x240,640x480,1280x480	640x480,1280x480,1280x720, 2560x720
FOV	40DEG@VGA, 60@HD/WVGA	40DEG@VGA, 60@WVGA	80DEG@VGA, 100@HD
Image Sensor	OV9714 1296x812 ¼ Inch	SOI H22 1280x800 ¼ Inch	ONSEMI AR0135 1/3 Inch
Shutter Type	Rolling Shutter	Rolling Shutter	Global Shutter
Lens Type	/w IR Cutfilter	Type A /w IR Cut Filter Type B /wo IR Cut Filter	Dual band IR Cut Filter(0~650nm, 850nm)
UVC1.1	Compatible	Compatible	Compatible
Support OS	Windows/Linux	Windows/Linux	Windows/Linux
Power Source	USB Bus Power (5V/500mA, 5V/600mA)	USB Bus Power (5V/500mA, 5V/600mA)	USB Bus Power (5V/500mA, 5V/800mA)
Interface	USB2.0/3.0 MicroB Female	USB2.0/3.0 MicroB Female	USB2.0/3.0 MicroB Female
GPIO	Output 5V	N/A	Output 5V
aeroTAP evo Range	40cm ~ 300cm	40cm ~ 300cm	50cm ~ 240cm
aeroTAP evo VT Mode	10 Inch to 22Inch	10Inch to 22inch	15Inch to 55Inch

aeroTAP DOE Projector

- Laser wave: 830nm
- DOE Lens output power: 150 mW
- Amp.: 330mA (出荷時130mA)
- Range: 35 - 100cm
- Zero Order(#35cm,70mW Visual): <0.28 mW
- Random Dots: 30K、Aspect: 4:3
- FOV(Diagonal) : 80°
- Power Source: USB 2.0 (Connector is not included)
or aeroTAP 3D USB GS Camera GPIO

