

SlimEdge AR Glass-B50G

A spatial perception, interaction, and AI platform for AR

B50G Package



SlimEdge AR Glass



SlimEdge CP
Computing Pack



Xvisio SlimEdge
AR Foundation



Unity/AR Studio

Optical Spec

Item	Spec	Remark
Optical Combiner	Birdbath Optics	
Display Panel	1920X1080 X2	Sony0.7" OLED
Frame Rate	60fps	
FOV	50°	Diagonal
IPD	63mm	Fixed IPD
Eye Relief	20 mm	
Luminance	300 nit	Max
Transmittance	30%	

System Spec

Item	Spec	Remark
Processor	Intel Movidius VPU	
Cameras Sensors		
-Stereo Fish Eye	VGA, HFOV130, 100fps	Mono, Global shutter
-RGB	13M, DFOV70, 30fps	H.265, JPEG supported
IMU	9 Axis	1000Hz
MIC/SPK	Stereo	Noise cancel
SLAM Engine 6DOF	500-1000Hz, mm accuracy	On board, Multiple modes
Depth Engine	Stereo	High accuracy High Speed
AI Engine	Hardware CNN engine	Edge Inferencing
CV Engine	On Edge On Host	Open CV support
Power consumption	<5W	Depends on display brightness
Interface	USB Type C	DP for video output
Weight Size	<120g 293X180X93mm	LxWxH(mm)
Computing Pack OS	Snapdragon 835 845+5G	7300/8000mAh Battery

Innovating machine perception capability beyond human capacity

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