

SlimEdge AR HMD-K40A

All in one AR HMD

K40A Package



SlimEdge AR HMD



AR OS



Xvisio SlimEdge
AR Foundation



Unity/AR Studio

Optical Spec

Item	Spec	Remark
Optical Combiner	Wave Guide	
Display Panel	1280X720 X2	DLP Projector
Frame Rate	60fps	
FOV	40°	Diagonal
IPD	63.5mm	Fixed IPD
Eye Relief	25 mm	
Luminance	800 nit	Max
Transmittance	>80%	

System Spec

Item	Spec	Remark
Processor	Intel Movidius VPU	
	Snapdragon 845	
Cameras Sensors		
-Stereo Fish Eye	VGA, HFOV130, 100fps	Mono, Global shutter
-RGB	13M, DFOV70, 30fps	H.265, JPEG supported
-TOF	HQVGA, DFOV70, 30fps	0.2-4m, 1% accuracy
IMU	9 Axis	1000Hz
SLAM Engine 6DOF	500-1000Hz, mm accuracy	On board, Multiple modes
Depth Engine	TOF Stereo	High accuracy High Speed
AI Engine	Hardware CNN engine	Edge Inferencing
CV Engine	On Edge On Host	Open CV support
Power consumption	<TBD W	Depends on display brightness
Interface	USB Type C	
Weight Size	<620g 341*180*117mm	LxWxH(mm)
Battery	8000mAh	

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