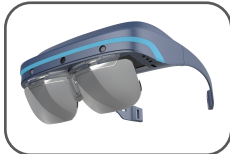


SlimEdge AR HMD-D90R

A spatial perception, interaction, and AI platform for AR

D90R Package



SlimEdge AR HMD



SlimEdge CP
Computing Pack



Xvisio SlimEdge
AR Foundation



Unity/AR Studio

Optical Spec

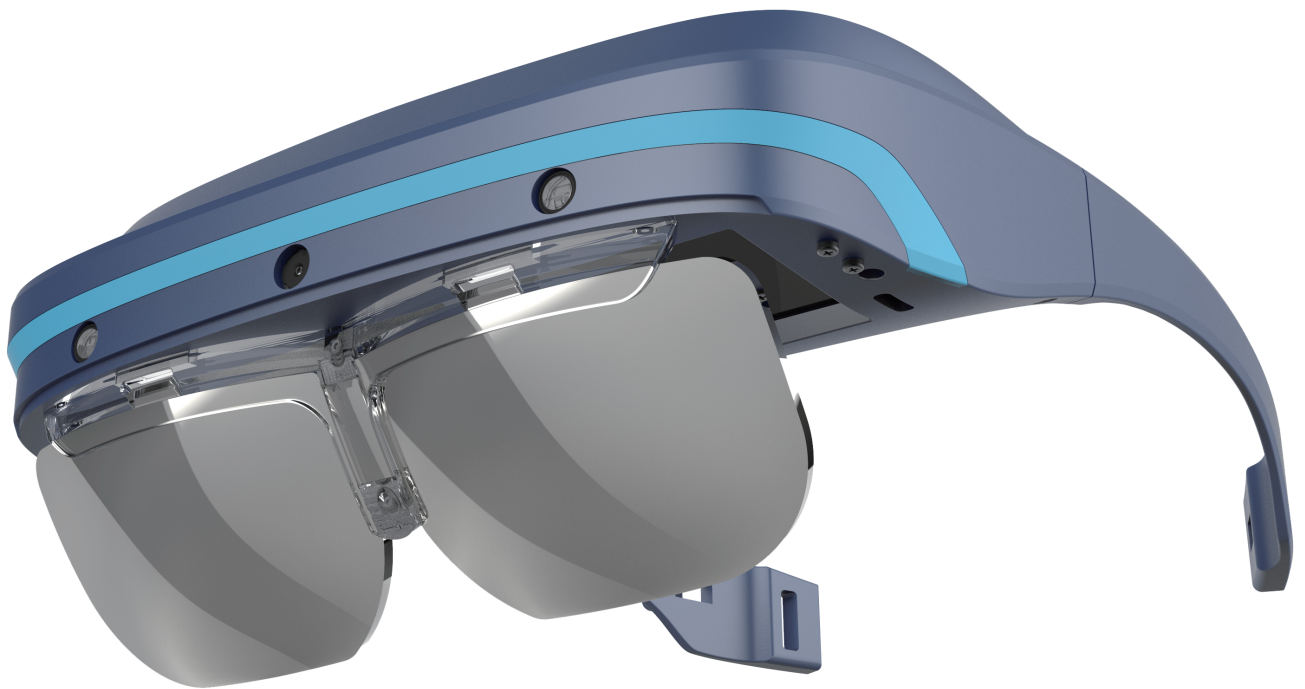
Item	Spec	Remark
Optical Combiner	Curved Reflection	
Display Panel	1920X1280X2	LCD
Frame Rate	60fps	
FOV Eye Box	90° 15X15mm	Diagonal
IPD	55-70mm	Adjustable IPD
Eye Relief	55 mm	
Luminance	500 nit 300 nit	At display At eye
Transmittance	>80%	

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	6 Axis	1000Hz
SPK	Stereo	
SLAM Engine 6DOF	500-1000Hz, mm accuracy	On board, Multiple modes
Depth Engine	Stereo	High accuracy High Speed
Power consumption	<5W	Depends on display brightness
Interface	USB Type C	DP for video output
Weight Size	<180g 269X170X43mm	LxWxH(mm)
Computing Pack OS	Snapdragon 835	7300mAh Battery

Innovating machine perception capability beyond human capacity

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