

Design v1

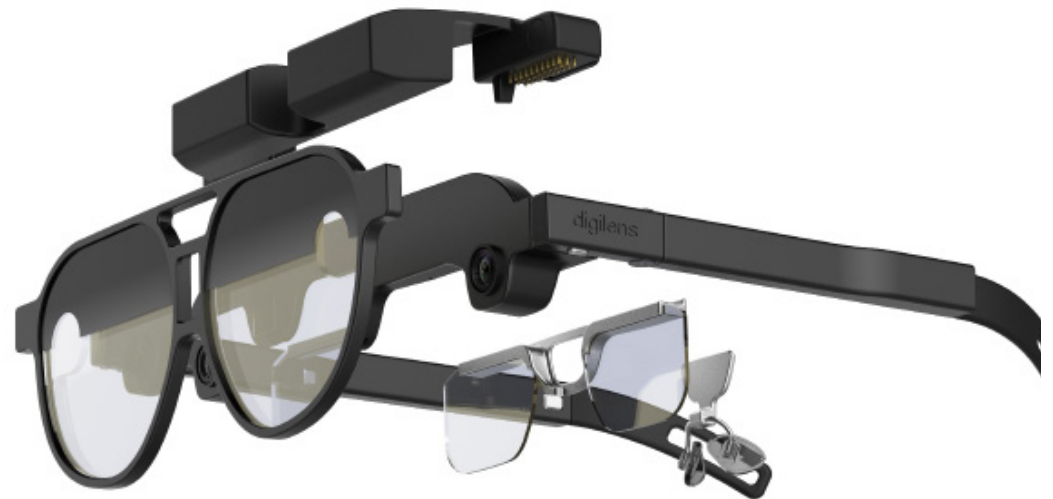
XR creators now have a starter hardware platform to build immersive experiences on without having to worry about the usual technology barriers of head worn hardware. Design v1's fully integrated XR system provides a flexible platform for software vendors and IoT programmers so that they can focus on what matters and refine their unique XR experiences for their users.

BUILT FOR DEVELOPERS

Powered by DigiLens' Crystal50 lenses and Qualcomm® Snapdragon™ XR2 Platform

Modular structure coupled with the most capable, standalone XR platform available

Easy development environment built on AOSP (Android 10)



ACCELERATING XR HARDWARE

The Visualize Framework

Visualize helps innovators by creating industry standards for smartglasses. Combining DigiLens technology with the Snapdragon XR2 Platform, Design v1 is a state-of-the-art hardware device built to take advantage of the latest technological advances currently in market.

Category Creating Program

Visualize accelerates the formation of scalable XR industry standards

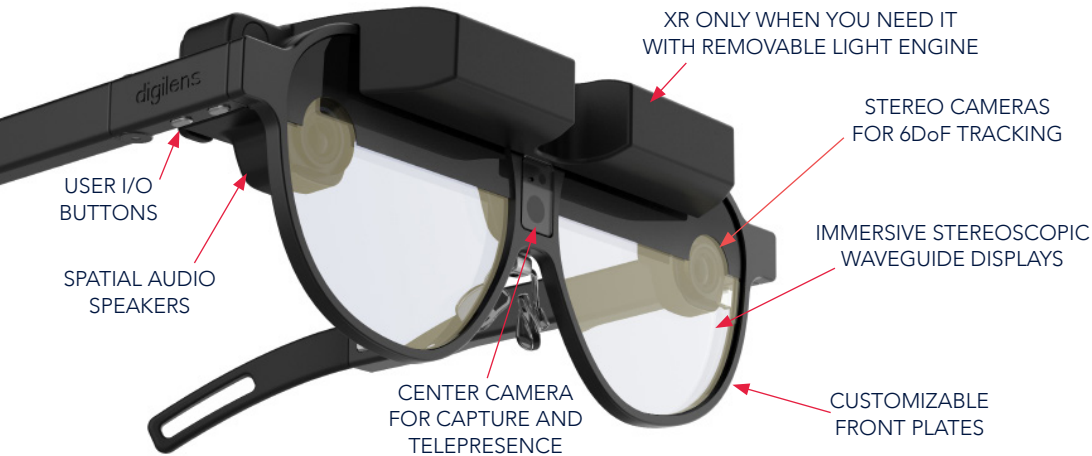
Focused on Customer Value

Partners can rapidly innovate on form, cost, performance and reliability

Flexible Structure

Framework provides partners offerings specific to their needs

Design v1 Specifications



Hardware	Qualcomm XR2 processor with Octa Core @ 2.5GHz frequency
	6GB LPDDR5 RAM 128GB UFS FLASH storage
Connectivity	WiFi (IEEE 802.11 ax) Bluetooth USB Type-C 3.1
Spatial Audio	Stereo speakers to support spatial audio output
Tracking (SLAM)	Stereo 1MP monochrome global shutter camera for 6DoF tracking
Optics	Crystal50 Waveguide; FOV: 44° (h) X 25° (v); 50° (d) Transparent, daylight-bright stereo display with suppressed eye glow
Display	Dual 720p display standard
Microphones	Multiple microphone inputs to enable user interface and noise cancellation
Camera	8MP RGB center camera
Battery/Power	Dual temple batteries Standalone system to be used with external battery (Option to integrate more batteries into system)
Software	Standard AOSP operating system pre-loaded
Modular Ergonomics	Ear horns and nose bridges can be tailored to the user's size, allowing for greater user comfort
Customizable	Front shields and frames can be personalized
Correctives	Prescription inserts optional at additional cost
Availability	Now for approved partners – interested? Send an email to sales@digiLens.com

