

VR & Visualization

VR & Visualization Hardware Solutions





There are a number of ways that Virtual Reality Experiences can be viewed via different levels of hardware.

Each solution has its unique place in getting Virtual Reality into the hands of clients and prospects to experience the incredible immersive environment that defines Virtual Reality.

The following is a description of the three top solutions suggested by Digital Frontier.

HTC Vive

HTC Vive is a virtual reality headset developed by HTC and Valve Corporation, released on 5 April 2016. This headset is designed to utilize "room scale" technology to turn a room into 3D space via sensors, with the virtual world allowing the user to navigate naturally, with the ability to walk around and use motion tracked handheld controllers to vividly manipulate objects, interact with precision, communicate and experience immersive environments.

Unveiled during HTC's Mobile World Congress keynote in March 2015, the HTC Vive has since been awarded over 22 awards in CES 2016, including best of CES. The HTC Vive is the high end best of the best experience.

With hardware costs running at around \$800 USD for the glasses plus the costs of the PC/Laptop to cope with the graphics demand the cost of installation is going to be around \$2-3,000 USD depending on the configuration.

The experience with the HTC Vive is absolutely amazing and the user is transported into a different world with the ability to interact completely with the virtual environment through the HTC Vive controllers which appear virtually in the viewports as well as physically by the handheld controller.





BaoFeng Virtual Reality Glasses

Baofeng Virtual Reality Glasses brings you into the Virtual Reality world in seconds.

The BaoFeng Glasses turn your smart phone into a VR viewing environment and you can experience the immersive, fun and exciting world of VR in just the short time it takes to insert your smartphone into the BaoFeng phone slot to turn your smart phone to 3D Cinema.

BaoFeng Glasses are compatible with both Android and iPhone for screen sizes between 4.7 to 6.0 inch,

The BaoFeng Glasses uses Multi Use Bluetooth VR Controller which allows a fully interactive experience through the VR interface.

BaoFeng Glasses are very similar to the Samsung Gear glasses but differ in a couple of different aspects – the Samsung is only compatible with a Samsung smartphone and the BaoFeng Glasses are only approximately 20% of the cost of the Samsung Gear – with a price of around \$60-70 USD.



Branded Cardboard Glasses

Similar to the Google cardboard glasses, these hold a smartphone and offer a non-interactive experience in Virtual Reality.

They are simple, fun and affordable and lend themselves to mass marketing your Virtual Reality experience.

Each lightweight viewer features precision-designed, high-quality lenses to transform the VR content on your smartphone into immersive, quality experiences.

Costs are around \$5-8 USD for a fully branded (printed) cardboard glass.



