

MARKET EXPERT VIEW ON THE BEST VR HEADSETS FOR MANUFACTURING CHALLENGES

Here is the list of the most popular VR headsets for manufacturing challenges according to market experts – take a look!

HTC VIVE



HTC VIVE headsets are perfect for manufacturing VR tasks, namely operating 3D models of large building structures.

- low wear
- set-up in just about 15 minutes
- comfortable user experience for extended periods of time

HTC VIVE PRO

An improved version of HTC VIVE released in 2018.



- screen resolution increased from 2,160x1,200 to 2,880x1,600 pixels
- own built-in earphones, as well as two additional cameras and microphones
- 110° field of view (FoV)

HTC VIVE COSMOS



This model emerged in the fall of 2019 and offers a 2,880x1,700 Full RGB fast LCD display for a sharp and bright image.

OCULUS RIFT



- two-sensor setup sometimes fails to cope with a 360-degree turn
- AA batteries in the controllers last only a few days of active use
- User-friendly controllers
- No obvious lags during long sessions

HP REVERB



This headset is compatible with Windows Mixed Reality released as a collaboration between Microsoft, Acer, Dell, HP, Lenovo, Asus, and Samsung.

- the highest 4K display resolution
- 114° FoV
- built-in surround sound and two microphones
- weight is just 0.43 kg
- positioning of controllers is tracked in the camera's field of view only

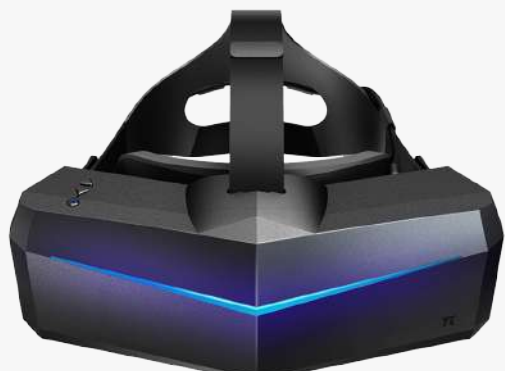
SAMSUNG HMD ODYSSEY+

Samsung claims that the headset has Anti-Screen Door Effect (Anti-SDE) technology that reduces the chances of users seeing gaps between pixels



3.5" AMOLED display with 2,880x1,600 total resolution

PIMAX 5K PLUS



- the largest FoV of 200°
- resolution: 2,560x1,440 pixels per eye
- own controllers are still under development
- compatible with Vive, Vive Pro, and Valve Index controllers
- for an ordinary user, full setup will take max 15-20 minutes