





REALIDADE VIRTUAL IMERSIVA HARDWARE

Guilherme Fibrantz, Julio Vicente Brych e Martha Lanser Bloemer

AGORA VAI



META QUEST 2



Oculus Quest 2 ou Meta Quest 2



Características

- 128 gb R\$ 3000,00
- 256 gb R\$ 3900,00
- Vetorial e Raster
- ND
- Relativo
- Entrada, processamento e saída
- Vídeo, imagem, áudio e tato
- Posicionamento macro?

HARDWARE	<p>PC Optional</p> <p>Enjoy advanced all-in-one VR with just a headset and controllers. (Smartphone app required.) Or connect to a gaming computer to access Rift titles with Link Cable⁺⁺</p> <p>⁺⁺Meta account required for use.</p>	<p>HEAD STRAP</p> <p>Soft Strap</p> <p>Designed to offer lightweight comfort for any type of player. This soft strap can be easily adjusted or upgraded with Meta Quest accessories.</p>
TRACKING	<p>Six Degrees of Freedom</p> <p>With 6DOF, the headset tracks the movement of both your head and body, then translates them into VR with realistic precision. No external sensors required.</p>	<p>OPTICS</p> <p>Specifications</p> <p>Fast-Switch LCD Display</p> <p>1832 x 1920 Resolution Per Eye</p> <p>60, 72, 90 Hz Refresh Rate Supported</p> <p>Glasses Compatible</p>
CONTROLLERS	<p>Redesigned Touch Controllers</p> <p>Meta Quest 2 Touch controllers have been upgraded with improved ergonomics. A new thumb rest adds stability when needed.</p>	<p>SOUND</p> <p>Positional Audio</p> <p>3D positional audio is built directly into the headset, allowing you to hear what's all around you. The 3.5 mm audio port lets you play with or without headphones.</p>



PLAYSTATION VR AIM

O que é?

Basicamente o PlayStation VR Aim Controller eleva nível de atirador em qualquer jogo compatível para o seu PlayStation VR.



Características

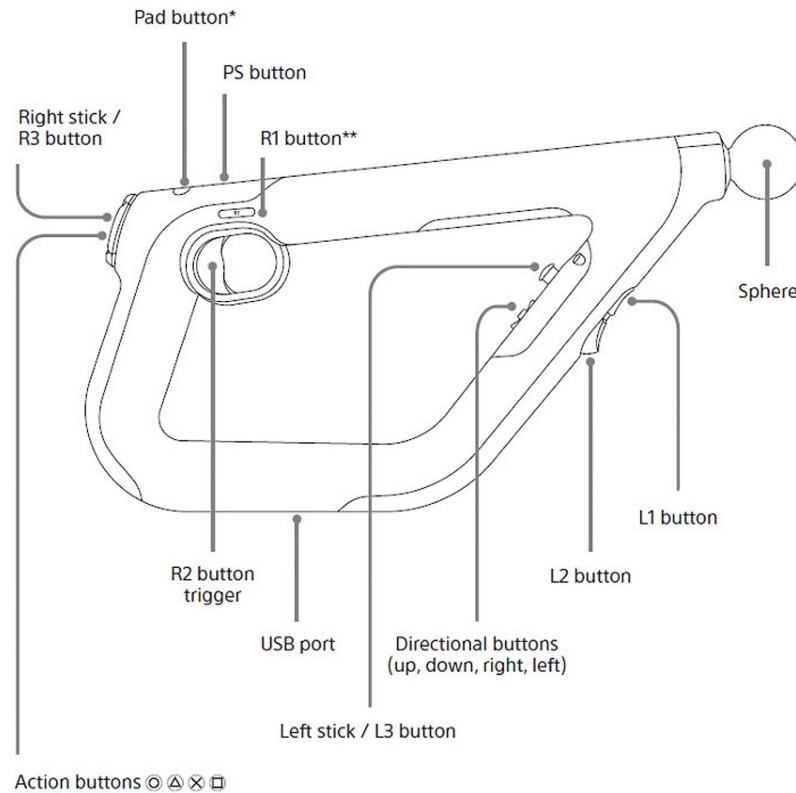
- Preço : Cerca de U\$76.86
- Compatível com o headset Playstation VR (PS4 e PS5)
- Design para ser utilizado em ambas as mãos
- Imersão por vibração
- Sensor de movimento/Rastreamento por luz



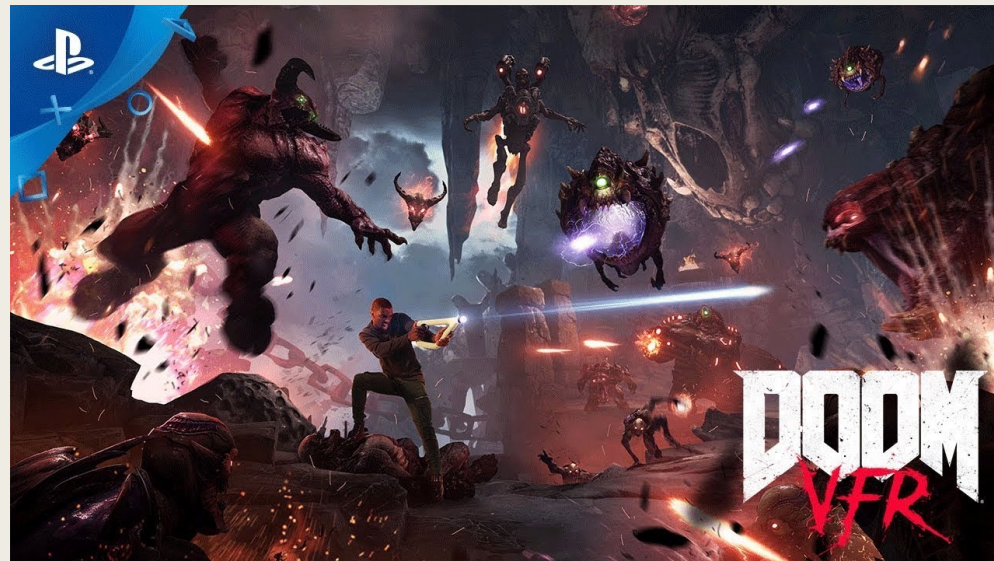
Playstation Camera

- Possui variáveis dependentes do jogo escolhido
(Vetorial ou Raster)
- 3D

- Absoluto
- Entrada, processamento e saída



Alguns Jogos



**TAKE AIM
TAKE CONTROL**



 PlayStation VR



Leap Motion



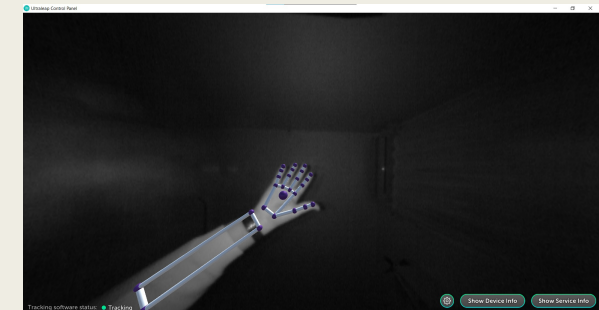
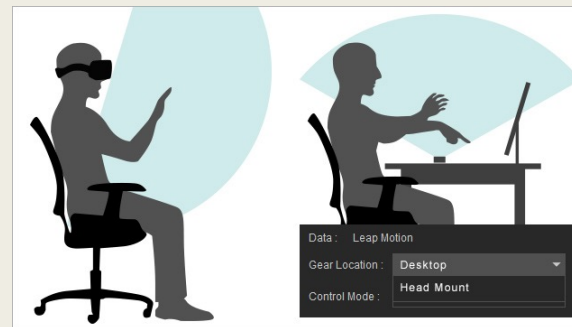
ultraleap 

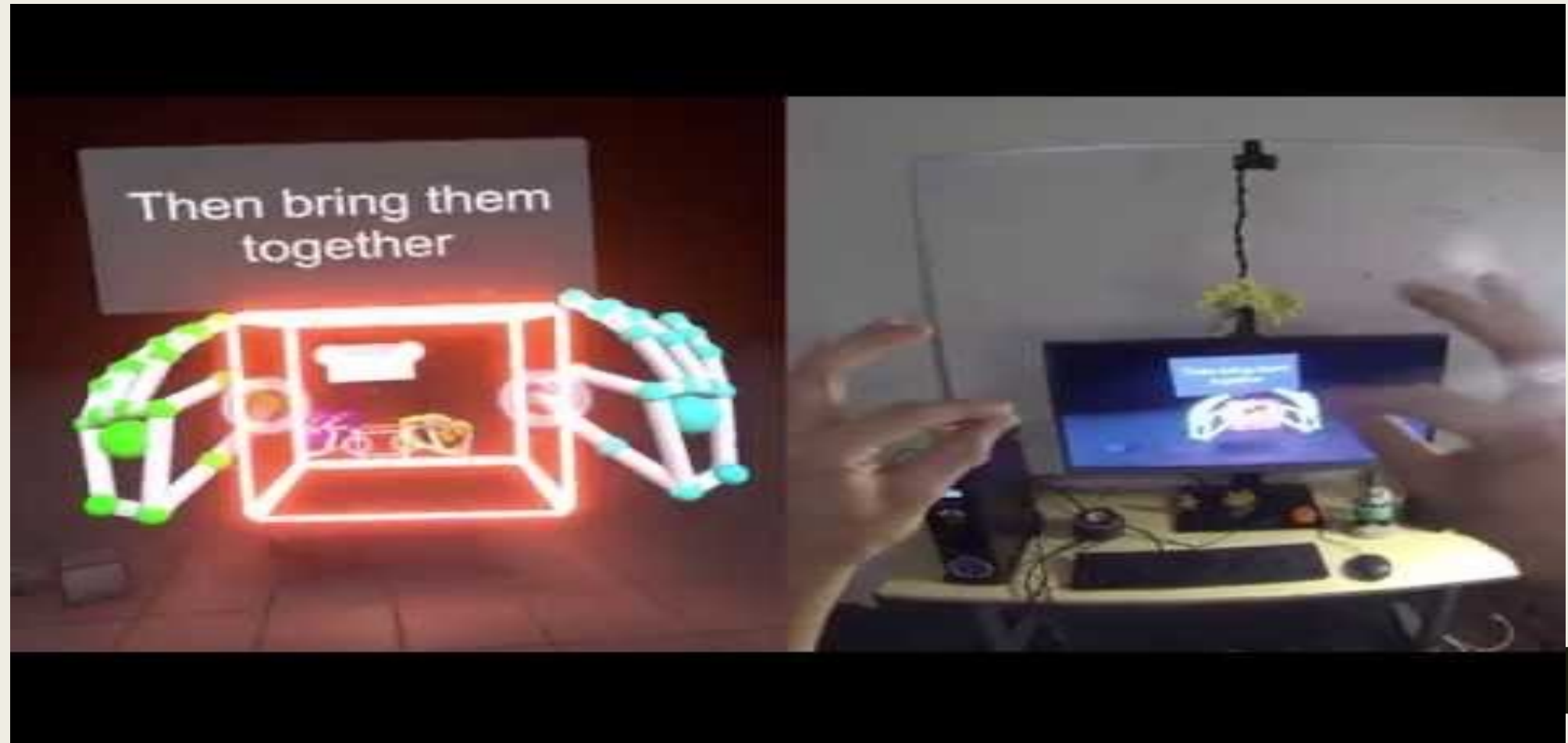
Oque é?

Características



- Duas câmeras de infravermelho operando em 120Hz
- Captura imagens a cada 1/2000 segundos
- Funciona em conjunto de Desktops e HMD
- Necessário instalar um software da Ultraleap para funcionar
- Capta os movimentos em uma área cônica
- Custo: \$110,00 ou R\$ 560,00





Demonstrativo

Referências

- https://www.youtube.com/watch?v=ATVGI9wOJsM&ab_channel=MetaQuest
- <https://www.ultraleap.com/product/leap-motion-controller/#overview>
- <https://www.playstation.com/pt-br/accessories/playstation-vr-aim-controller/>
- <https://www.ign.com/articles/2017/05/25/playstation-vr-aim-controller-review>
- <https://www.fictiv.com/teardowns/playstation-vr-aim-controller-teardown>
- https://www.youtube.com/watch?v=cJYGGLTMj7w&ab_channel=PlayStationEurope

Referências

- https://www.submarino.com.br/produto/4323991128?epar=bp_pl_px_go_pmax_telefonia_geral_3P&opn=XMLGOOGLE&WT.srch=1&offerId=618ec18190c85550379bbb18&gclid=CjwKCAjw1ICZBhAzEiwAFfvFhOgJ02L7Um3ByZGalQ-dblg1MzesCdeHuez2JstJbHt6nuhSoNIQGxoC65EQAvD_BwE
- https://www.magazineluiza.com.br/meta-quest-2-oculos-da-realidade-virtual/p/kfd3g3ah6j/in/vrov/?seller_id=bigstorcombr&utm_source=google&utm_medium=pla&utm_campaign=&partner_id=69104&gclid=CjwKCAjw1ICZBhAzEiwAFfvFhJWPMANfZN3L4b8NGItMihdvAc5SQTJcxm-BfKg_6pQwN48Bc_ydhxoCqDkQAvD_BwE&gclidsrc=aw.ds