

## VRcade® Head-Mount Display

**VRstudios originated the first virtual reality bundled platform to provide fully immersive experiences using wireless, full-motion, and multi-user technology for end-to-end business solutions.**

### VRcade Head Mounted Display - Product Information

The VRcade Head-Mounted Display (HMD) is the only wireless virtual reality headset that supports highly accurate, full physical motion tracking across small to large (up to 30' x 30') spaces and multiple simultaneous users. Our HMD is a component of the VRstudios business solution.

- Completely wireless providing a totally untethered experience
- Extremely low visual latency
- Eliminates disorientation and nausea common to other HMDs
- Intuitive, requiring minimal or no instruction to use
- I:I positional tracking (sub millimeter)
- Utilizes predictive motion technology
- Hygienic (materials and cleaning process)
- Lightweight
- Battery Powered



Picture being able to easily put on a headset and instantly find yourself transported to another realm in a different time-period while facing obstacles that you would only find within the creative depths of your imagination. The VRcade wireless HMD allows just that while providing full immersion in a virtual environment with the ability to spatially feel your presence as you move, lean, look over, under, or even behind objects within your space. With the bonus of no wires to fuss over, you can enjoy your virtual experience along with other participants, making it a great social activity for everyone.



### VRcade HMD

Allows users to freely move, completely untethered without cables or backpacks through physical spaces while being positionally tracked with extreme accuracy within a fully immersive, virtual environment. Due to the absence of wires, the VRcade HMD can support multiple users in the same space.

*"With the VRstudios system and rich VR content pool, our entertainment centers can now offer innovative immersive experiences that will help us attract new customers, add more value to our existing clientele..."*

~ Massimiliano Soresini, CEO and Co-Founder of SNR

*The VRcade HMD has been acclaimed for its unique capabilities, performance, ease of use and comfort by industry analysis, the media, and global distribution partners.*

## SPECIFICATIONS:

Field of View: 90 degrees

Display Resolution: 1280x800 @ 60Hz

Lens Material/Quality: Acrylic

Battery life: 2.5 Hours

Charge Method: Removable battery: micro-USB

Power Consumption: 5V 2A Max



Dimensions: 7.5" x 10" 5.5"

Weight: 2.5lbs

Build Materials/Quality: Polyurethane Molded

Wireless Technology: 60GHz WiHD

Marker Post Configurations: 96

## FREQUENTLY ASKED QUESTIONS:

### Is the VRcade HMD a proprietary device?

VRstudios produces its own HMD which is designed to support totally wireless transmission and highly accurate positional tracking. As new technologies emerge that support the requirements of our platform they can be incorporated into our system.

### Can you adjust the lens position?

Due to the design of the VRcade HMD – lens adjustments are not required by the user.

### What is the hygienic process for the HMD?

The VRcade HMD is specifically manufactured with hygienic materials. Use of medical grade alcohol wipes to sanitize the HMD after each user is recommended.

### Can you use glasses inside of it?

Yes. Most eye glasses can be used with the VRcade HMD.

### How do you charge the battery?

The battery pack is removable from the headset and can be charged via a standard USB cable. Two batteries are included with each HMD.

### Is the headstrap of the HMD adjustable?

Yes. It can accommodate any head size.

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