

Reach into virtual reality with your hands

Bring the most intuitive interaction to virtual reality, capture every subtle motion of your hand in real time.



01 Six High Performance 9-Axis MEMS IMUs

Real-time tracking and data collection with high accuracy IMU modules that are populated on each finger & hand. Dedicated motion of hand will be calculated and rendered in virtual world through inverse-kinematics algorithm.





02 Ultra-Low Latency Wireless Tran

VRTRIX™ data glove is wireless with 180Hz data transmi
 中文 / English
 And the total latency is less than 10ms in the meantime
 provide you the most immersive experience ever in virt

03 Ultra-Low Power Consumption

Thanks to the strict power control during the system design, the glove's battery can last at least 16 hours even when heavily used.



SPECIFICATIONS



FULL-HAND MOTION TRACKING

Five motion sensors on fingers provide accurate 3DOF pose data, and one additional motion sensor on the back of hand track the rotation of wrist.



LIGHTNING FAST WIRELESS TRANSMISSION

The glove is completely wireless with ultra-low latency within 5ms, which will provide you the most immersive experience in virtual world.



ARM TRACKING ENABLED

The glove is compatible with HTC vive tracker and other positional tracking solutions to provide arm tracking which allows you to track your arm as well.



ACCURATE SENSOR FUSION ALGORITHM

Our glove contains finest 9-axis IMU including a gyroscope, accelerometer and magnetometer, corporated with proprietary adaptive sensor fusion algorithm to provide accurate pose estimation.



WASHABLE

The IMU modules in our glove are detachable so that you can even wash the glove and each module can be easily disassembled and reinstalled afterwards.



LONG BATTERY LIFE

Integrated with ultra-low power consumption coprocessor, the computing load for main microcontroller is significantly decreased, which provide more than 16 hours battery life.