

QUANTUM
XR
METAGLOVES



Quantum Precision

The **Quantum Precision XR** provides high fidelity finger tracking by using drift free fingertip tracking sensors. With the focus on highly accurate and reliable finger capture data, there are no more limitations to your finger capture. Experience accuracy in VR like never before.

Use Cases

Fingertip precision for VR Training.

Accurately interact with objects in virtual worlds to create immersive virtual training environments and experiences. The accuracy of the Quantum Tracking technology combined with a realistic virtual environments will create experiences suited for highly accurate training simulations.



Compatible With



Detailed Interaction for Virtual Prototyping

Accurately interact with even the smallest parts and pieces of your virtual prototypes. With the accurate hand scaling of the MANUS Quantum Precision XR, human interaction validation is possible on a scale more accurate than ever before.





Ease of use

With the purchase of the Quantum Precision XR' our users receive our MANUS Core software, free of charge. MANUS Core receives the Quantum finger tracking data and allows it to be streamed into custom projects.

Seamless Interactions

Embark on an interactive journey like no other with our intuitive Interaction framework, a core feature included with our plugins. Effortlessly implement a wide range of interactions. Whether you're picking up objects, toggling switches, or teleporting within your virtual world, our Interaction framework simplifies the process. It's a versatile toolkit that makes creating immersive experiences not only accessible but exciting.

Software Development Kit

Our open SDK allows for building any other integration besides Unreal or Unity, which already have native integration. The SDK is supported by in-depth documentation through the MANUS Knowledge Center.

Real-time streaming

MANUS Core will stream finger data real-time to Unreal and Unity with our SDK allowing for more integrations.

Hardware Specs

Signal latency	≤ 7.5 ms
Finger sensor type	Absolute position, 3 axis rotation
Sensor sample rate	120Hz
Battery duration	Up to 3 hours (swappable batteries)
Charging time	2 hours USB-C
Weight	138 grams (including battery)
Wired communication	USB-C
Wireless communication	Bluetooth Low Energy 5
Wireless range	Up to 15 meters
Supported Operating System	Windows 10/11
Finger attachments	Liner Gloves
Hand Strap Textile	77% Polyester, 23% Spandex
Liner Gloves Textile	Stretch Nylon

What's in the Box

1x	Pair of Quantum Precision XR Gloves
1x	Wireless Dongle
2x	Quantum Battery
2x	USB-C Cable
2x	Vive Tracker Adapter
3x	Pair of Liner Glove, sizes s/m/l
1x	Getting Started Guide
1x	Travel Case