



# MANUS™ QUANTUM METAGLOVES

Next level finger capture

## All new Quantum Tracking Technology

The MANUS Quantum Metagloves provide millimeter accurate finger tracking. Through absolute positioning of the fingertips, the digital hand skeleton is scaled to the physical hand of the user. This results in the most accurate hand- and finger capture to date, while remaining easy to use and without a complex calibration. The new gold standard for finger tracking.

## Ease of use

With the purchase of the Quantum Metagloves 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.

## Record movement data and export as FBX

Capture the data provided by the Quantum Metagloves with the recording function in MANUS Dashboard. Review, trim, and export your recorded data as an FBX file to use in many other applications.

## Real-time streaming

Stream your capture data real-time to Unreal or Unity for real-time

Use our Xsens Metagloves to stream Quantum finger tracking data to MVN Animate.

Use our OptiTrack Metagloves to stream Quantum finger tracking data to Motive 3.1.

## SDK and recording finger data

Using native or added plugins finger data will stream real-time to Unreal and Unity. Our open SDK allows for building any other integration.

## What's in the box?

- 2x Quantum Glove
- 1x Dongle with Core Pro License
- 2x Quantum Batteries
- 2x USB-C Cables
- 1x Set of Vive Tracker Adapters
- 36x Finger Sleeves 1/2/3
- 12x Finger Tapes
- 1x Getting Started Guide
- 1x Travel Case

## Hardware specs.

Signal latency	≤5ms
Finger sensor type	Absolute position, 3 axis rotation
Sensor sample rate	120Hz
Battery duration	Up to 3 hours (swappable)
Charging time	2 hours USB-C
Weight	138 grams
Wired communication	USB-C
Wireless communication	Proprietary high performance 2.4 GHz protocol
Wireless range	Up to 15 meters
Textile information	One size fits all (washable)
Finger attachments	Finger sleeves, finger tapes

## Compatible with industry standards

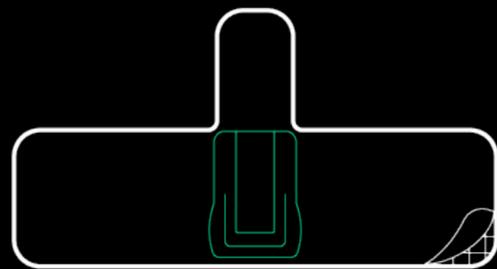


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Product Catalog 2022

Wear it according  
to your needs.

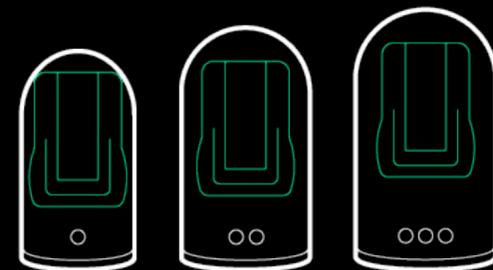
The Quantum sensors can be worn on the fingertips in multiple ways. We give our users the possibility to choose the method that fits their use case best. Here are the two available options:



## Finger Tape

The finger tapes can be wrapped around the finger tips. The Quantum sensors are attached on the mounting clips on top.

The finger tape method provides extremely steady mounting of the Quantum sensors.



## Finger Sleeves

The finger sleeves are worn by sliding them over your finger tips. The Quantum sensors are attached on the mounting clips on top.

The finger sleeve method provides a quicker method to wear the Quantum sensors. The finger sleeves are available in three sizes.



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## Additional features

### Replaceable Textiles

The textiles of the Metagloves are washable and replaceable. The electronics can be removed in a matter of seconds.

### Universal Mounting System

Easily mount your preferred mounting system on top of the Metagloves with the MANUS Universal Mounting System

### Polygon Compatible

The Quantum Metagloves are plug-and-play with MANUS Polygon. Take a look at the Polygon product page to get started with full-body motion capture.

## Uninterrupted workflow.

### Charging station

Fully charge up to 6 batteries simultaneously in 1 hour and 15 minutes. This charging station is also compatible with Prime X and Pro Tracker batteries, so you can charge your Metaglove and SteamVR Pro Tracker batteries at the same time.

### Swappable batteries to stay charged

The Quantum Metagloves come with swappable batteries, to provide you with an uninterrupted workflow. The Quantum batteries can last 4 hours during continuous use on a full charge. Additionally, the Quantum Metagloves can be powered by an external power source through the USB Type-C port.

