

Pico Motion Tracker Specifications:



DEVICE Pico Motion Tracker

Background

The Pico Motion Tracker is in line with the strategic direction of "move", various enterprise solutions can enhance the advantages of VR immersion, authenticity and fun

Tracker Fix Method

With and without strap

Tracker Position

Ankle and any object you need

Body Tracking Performance Version

Tracker Location

Waist

Tracker Fixing Method

Strap

Position Distinction

User calibration can automatically recognise the left and right legs, waist position tracker

Wireless

Transmission Frequency
>200Hz

Wireless Synchronization
<5us

Wireless Connection
2,4G wireless connection

Power Saving
When the HMD enters sleep mode or shutdown, the tracker enters low power state

Compatibility
Can be used with Pico 4 Ultra Enterprise, Pico 4 and Pico Neo3 VR headsets

Weight
Main tracker: 14.7g
Total with base and strap: 37.5g

Size
38.5mm x 38.5mm x 15.2mm

Sensor

IMU Sensor
Accelerometer, gyroscope and compass

Built-in battery
Lithium battery, capacity 220mA

Battery life
>25h(100%)

Charging method
Type-C

Charging duration
~50% ~30mins / 95% ~60mins / 100% ~80mins

Charge while using
1. Full body tracking mode: does not support charging whilst using
2. Object tracking mode: does support charging while using

Strap customise option (on request)
Long strap for waist

Box
2 trackers with straps