

VIVE Ultimate Tracker

Built for what you need

The VIVE Ultimate Trackers allow you to bring multiple objects into your virtual space, from tools and training equipment to your entire body.¹ The easy-setup system is ideal for location-based multiuser training, location-based attractions, sports training, rehabilitation and therapy, and motion capture.



Precision anywhere, in every movement²



Full body tracking

Capture full-body movement with up to five trackers and two controllers or VIVE Wrist Trackers per headset or PC.



Object tracking

Track real-world objects on your headset or PC to increase the realism of your entertainment, production, or training experience.

Immersion, productivity, and training amplified

Public safety training

Hands-on time

Skills training requires high-frequency hands-on time with professional tools to increase performance and get desired outcomes. Using VIVE Ultimate Trackers, first responders, police officers, and military personnel can train with these tools in a collaborative multiuser space to do their job more effectively.

Physical therapy & rehabilitation

Increase engagement

Motivation is often a barrier for physical therapy patients. VIVE Ultimate Trackers increase immersion to help therapists keep patients engaged and motivated. Data from full-body tracking can provide insight into areas of success and where improvement is needed.

Location-based entertainment

Cable-free setup

Elevate your free-roam immersive attraction⁴ and secure repeat customers by adding multiple peripherals to your standalone multiuser VR experiences. No backpack PC needed.

Professional training

Effective and safe

VIVE Ultimate Trackers enable immersive VR training with real-world tools and peripherals, providing lifelike experiences for professionals who transport, construct, and extract hazardous materials in environments like construction, manufacturing, heavy machinery, and oil and gas.

Performance capture

Motion capture simplified

Designed for effortless setup and pinpoint accuracy, VIVE Ultimate Tracker offers game developers, animation studios, content creators, and enterprise organizations a cost-effective, time-saving solution for capturing fluid character movements without the need for traditional motion capture suits.

Sports training

On-the-go training

Athletes train hard to stay sharp. Our simple tracker setup allows players to incorporate real-world equipment or full-body tracking within virtual training environments to simulate game-day performance anywhere.³

VIVE Ultimate Tracker

Paired with two high field-of-view cameras, VIVE Ultimate Tracker doesn't need to be seen by a headset or external sensors. The tracker is fully compatible with VIVE XR Elite and VIVE Focus 3. Connect up to 5 trackers per headset or PC via VIVE Wireless Dongle.



VIVE Wireless Dongle required for use. Sold separately.

VIVE Wireless Dongle

The VIVE Ultimate Tracker connects to the VIVE Wireless Dongle using a proprietary 2.4GHz radio frequency (RF) to cut through noisy wireless bands. The wireless dongle supports up to five trackers per headset or PC.



VIVE Wireless Dongle required for VIVE Ultimate Tracker to pair with any device.

Product features

- **Two high field-of-view cameras**
- **Long range connectivity**
- **Swap out trackers effortlessly with quick-release**
- **Small and lightweight at 94g**
- **Pogo pins to simulate input**
- **Get up to 7 hours of continuous use⁵**
- **Standard 1/4-20 UNC Mount**

Developer resources



OpenXR

OpenXR is a royalty-free, open standard that provides high-performance access to mixed and virtual reality platforms and devices.⁶

VIVE Business Streaming

VIVE Business Streaming allows SteamVR™ compatible content to be streamed from your computer to the VIVE standalone headset.

VIVE Wave

VIVE Wave enables easy XR content development and high-performance device optimization for third-party applications.

Multi-user solutions ecosystem



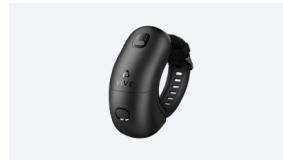
VIVE XR Elite

Delivering fully immersive virtual and mixed reality in a powerful, compact, all-in-one package.



VIVE Focus 3

5K resolution, ergonomic comfort, and advanced business applications will transform the way you work.



VIVE Wrist Tracker

Enhance hand tracking or attach to real-world equipment and pair with VIVE Ultimate Trackers for full body and object tracking.



VIVE Ultimate Tracker 3+1 Kit

Three VIVE Ultimate Trackers plus one VIVE Wireless Dongle.



Location-based Software Services

Multi-user body tracking for training and entertainment applications.

1) VIVE Ultimate Tracker requires a VIVE Wireless Dongle to connect with compatible devices, which currently include VIVE XR Elite and VIVE Focus 3. VIVE Wireless Dongle and compatible devices sold separately. Each VIVE Wireless Dongle can connect with one to five (1-5) VIVE Ultimate Trackers. 2) Support for direct connection to SteamVR will be released as beta after launch, which will be necessary for third-party PC VR use. 3) Using the VIVE Ultimate Tracker in extreme environments, such as those with low light or direct sunlight, is not recommended. 4) Play area size and conditions dependent on VR headset. 5) Battery life is an estimate and varies with use. 6) Beta SDK available. Pending OpenXR certificate.

Contact a VIVE Representative
for more information

business.vive.com/enterprise_inquiry

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