



 Pimax

**TO GO WHERE
NO ONE HAS GONE BEFORE**

Naturalness · Self-awareness · Freedom

— VR 3.0 —



Vision 8K X

Vision 5K Super

Reality 12K QLED

Display panel

Dual 4K CLPL Gen 1

Dual CLPL Gen 1

Dual 6K CLPL Gen 2

Resolution

3840x2160x2

2560x1440x2

UNREVEALED

Built-in eye tracking to support DFR

Refresh rate

75Hz (Native dual 4K)
72/90/110Hz (Upscaled dual 4K)

72/90/120/160/180Hz

90/120/144/160/200Hz (PC VR Mode)
75/90/120Hz (Standalone Mode)

FOV

170°(H)/115°(V)/200° (D)/

170°(H)/115°(V)/200° (D)/

200°(H)/135°(V)/240° (D)

IPD Adjustment

55mm~75mm

55mm~75mm

57mm~72mm

Supported Modules (Optional)

Eye tracking
Hand Tracking

Eye tracking
Hand Tracking

Facial expression tracking, Lip tracking
Full-body tracking, Lighthouse cover

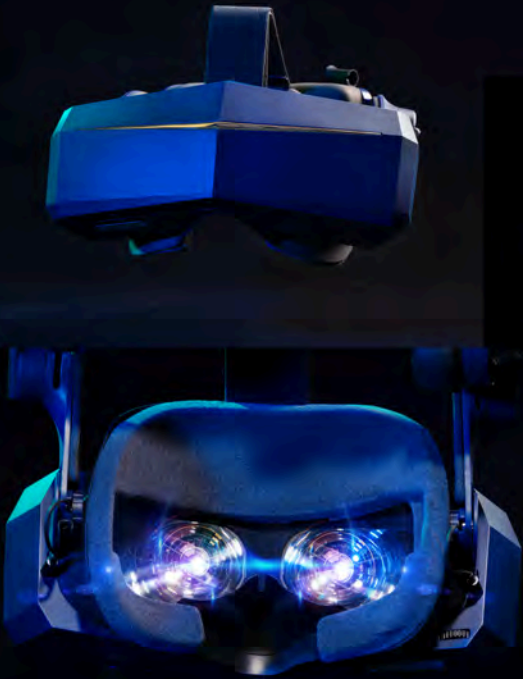
Supported tracking method

6DOF SteamVR 1.0 & 2.0
Built-in 3DOF

6DOF SteamVR 1.0 & 2.0
Built-in 3DOF

Built-in 6DOF SLAM Tracking
6DOF SteamVR 1.0 & 2.0 with
Lighthouse cover installed

YOUR VISION IS YOUR WORLD



Pimax Vision 8K X

VISUAL



TACY



200° FOV

Ultra-wide 200° (D)FOV
Close to human natural vision
Unparalleled immersive experience

8K VR

Dual Native 4K Customized Display

Resolution 3840*2160*2

Minimal Screen door effect



High refresh rate Low Latency

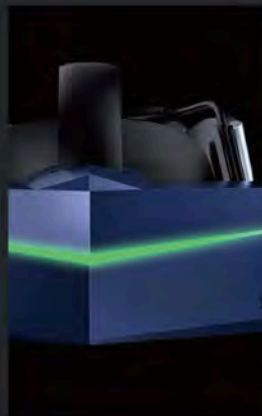
Upscaled & Native 4K mode

Up to 110Hz refresh rate

MTP latency <15ms

- New ergonomic design with comfort enhancement
- Immersive audio experiences
- Modularity and extensibility with open hardware ecosystem
- Supports SteamVR 1.0 & 2.0 Tracking

Minimal requirement of a Nvidia GeForce 3060 or equivalent to deliver performances per description



About Pimax

Founded in 2015 by a team of VR enthusiasts and engineers, Pimax Innovation is the world-leading hardware developer and manufacturer for advanced virtual reality products. At Pimax, our mission is to enable human's transition into a multi-dimensional space-time species. With the benefit of having access to cutting-edge technologies across industries, we focus on bringing customers the ultimate immersive VR experiences.

Featuring its current flagship model the Pimax Vision 8K X, we produce VR headsets that are characterized by unparalleled image quality, ultra-wide field of view, and low latency. Pimax headsets are well recognized and appreciated by worldwide VR enthusiasts.

In the future, Pimax will continue to produce high performance VR 3.0 headsets to achieve Naturalness, Self-awareness and Freedom. We will release headsets of the new REALITY series in Q4 2022 featuring the flagship model, Pimax Reality 12K QLED. Meanwhile, we will be devoted in cooperating with VR content providers. Combining with our greatest strength in hardware development, we aim at building a global distribution platform of high quality VR content optimized for Pimax headsets.

Countless VR Enthusiasts enjoy Pimax.

How about you? We can't wait to see you there!

Let's Find out What VR Influencers & Media Have To Say about the Pimax 8K X VR Headset

tom's HARDWARE

Over the years, we've looked at many Pimax VR headsets. They all offer similar features, including ultrawide displays, lightweight construction and an adjustable rendering resolution, field of view (FOV) and refresh rates. The Pimax Vision 8K X is the pinnacle of Pimax's lineup. With dual 4K resolution displays, a refresh rate up to 90 Hz and SteamVR tracking, the 8K X is, on paper, one of the best VR headsets available.

By Kevin Carbotte who is a Contributing Writer for Tom's Hardware US

digitaltrends

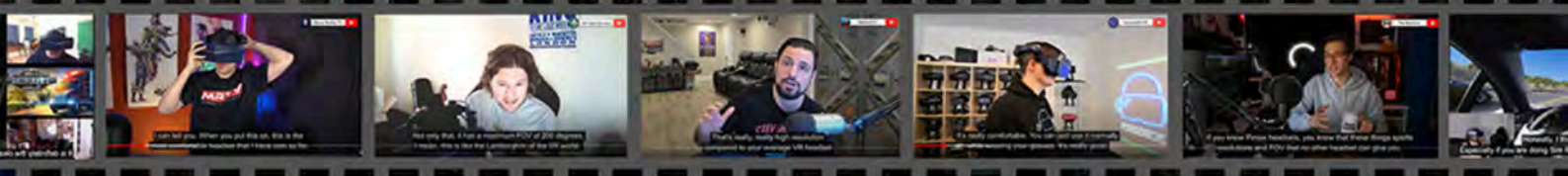
I've grown jaded to VR over the years, but the Pimax 8K X brought on the giddy smile from my first VR experiences. The Pimax has something most headsets lack; a real sense of peripheral vision.

By Matthew S. Smith from digitaltrends

digitaltrends

Folks were skeptical when Pimax first announced plans for an 8K VR headset in 2017. They were right to be hesitant: We didn't get our hands on or our eyes in the headset until January of 2020, when it wowed us enough to give this hardware a Top Tech of CES award. The Pimax 8K X offers 8K resolution and a 200-degree field of view, specifications well ahead of the Valve Index or Oculus Quest. Upping the resolution makes a noticeable difference in image sharpness, while fine text and details that are difficult to see on most VR headsets look crystal clear on the Pimax 8K X.

By Jeremy Kaplan who is Former Digital Trends Contributor



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