VR Glasses PIMAX CRYSTAL Super Ultrawide

Gamintojas: **PIMAX** · Modelis: **CRYSTAL-SUP-ULTRWID** · EAN: **6977402870460** · Prekės kodas: **1017752**



2 090,90 €

Kaina su PVM

Be PVM: **1 728,02 €**

Sandėlyje

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Aprašymas

PIMAX CRYSTAL Super Ultrawide VR Headset

The PIMAX Crystal Super Ultrawide VR Headset is an advanced virtual reality headset that combines a resolution of 3840 × 3840 pixels per eye, an ultra-wide 140° field of view, and aspheric glass lenses. QLED displays with mini-LED backlighting and local dimming deliver high contrast, deep blacks, and realistic colors. A refresh rate of 72 or 90 Hz ensures smooth visuals, while Dynamic Foveated Rendering 2.0 technology boosts performance by reducing the load on the graphics card. Automatic interpupillary distance (IPD) adjustment (58–72 mm), inside-out tracking, and two included controllers make these goggles ideal for both VR games and advanced simulators.

Detailed image at 3840 × 3840 resolution

The PIMAX Crystal Super Ultrawide offers a resolution of 3840 × 3840 pixels per eye, for a total of nearly 29.5 million pixels. Such a high pixel count allows you to see fine details, clear textures, and distant objects. This is particularly important in flight and racing simulators, where the clarity of gauges, the cockpit, and elements on the track affects the comfort and precision of driving or flying.

140° Ultra-Wide Field of View

The goggles offer a 140° horizontal field of view, allowing you to see a larger portion of your surroundings without having to constantly turn your head. A wider perspective enhances the sense of immersion in the game world while making it easier to observe what’s happening to the sides. Whether you’re driving a car or piloting an airplane, this allows you to better control the situation and take in more of the scene.

Aspheric glass lenses

The goggles are equipped with glass aspheric lenses that ensure high image sharpness and a large area of clear vision, known as the “sweet spot.” This allows you to observe details more comfortably without having to frequently adjust the position of the goggles on your head.

Realistic Colors Thanks to QLED and miniLED

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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QLED technology, combined with miniLED backlighting, delivers realistic colors and high image contrast. The local dimming system, comprising over 1,000 zones, allows for independent brightness control of individual screen areas. Dark areas retain deeper blacks, while bright highlights—such as headlights—remain vivid. As a result, night scenes and areas with varied lighting appear more natural.

Smooth Display with 72 and 90 Hz Refresh Rates

PIMAX Crystal Super Ultrawide monitors support refresh rates of 72 and 90 Hz, allowing you to adjust the smoothness of the image to match your computer’s capabilities and the requirements of the application you’re running. The 90 Hz mode provides smoother motion rendering, especially during rapid changes in viewing direction and dynamic action. The ability to choose between two modes makes it easier to find the right balance between display smoothness and computer performance.

Dynamic Foveated Rendering 2.0 – Improved Performance

Dynamic Foveated Rendering 2.0 technology uses eye tracking to optimize image rendering. The area where you focus your gaze is displayed in greater detail, while areas outside your field of view can be rendered with less detail. This approach reduces the load on the graphics card, helping to maintain smooth performance while preserving high image quality in the area you’re currently looking at.

Automatic Interpupillary Distance Adjustment

The headset automatically adjusts the lens spacing to match your interpupillary distance (IPD) within a range of 58–72 mm. Proper IPD alignment helps ensure a clear image and reduces discomfort caused by improper optical alignment. Automatic adjustment also eliminates the need to manually set the distance between the lenses.

Inside-out tracking and Lighthouse compatibility

The PIMAX Crystal Super Ultrawide supports inside-out tracking, which detects the user’s movements without the need to install external base stations. This makes setting up a VR environment simpler and eliminates the need to place additional sensors in the room. The headset also offers the option to upgrade to the Lighthouse tracking system, allowing you to customize the setup for more advanced applications. Using Lighthouse requires appropriate, compatible accessories.

Voice Communication and Headphone Connection

The headset is equipped with two microphones that enable voice communication during multiplayer games and when using VR apps. The 3.5 mm audio jack allows you to connect compatible headphones, so you can customize the audio output to your preferences.

Two controllers included

The set includes two controllers that let you navigate menus and interact with VR games and apps. They allow you to select objects, perform actions, and control environmental elements in compatible titles.

Included in the set

- PIMAX Crystal Super Ultrawide VR headset
- VR controllers x 2

Manufacturer	PIMAX
Model	Crystal Super Ultrawide
Device type	VR headset
Display technology	QLED + miniLED

Display design	Modular
Resolution per eye	3840 × 3840 pixels
Total number of pixels	Approximately 29.5 million
Pixel density	50 PPD
Field of view (horizontal)	140°
Refresh rate	72 / 90 Hz
Lens type	glass, aspherical
IPD adjustment	automatic
IPD range	58–72 mm
Backlight	miniLED with local dimming
Number of local dimming zones	over 1,000
Eye tracking	yes
Dynamic Foveated Rendering	Dynamic Foveated Rendering 2.0
Motion tracking	inside-out
Lighthouse support	Yes, with appropriate accessories
Audio jack	3.5 mm jack
Microphones	2
Recommended graphics card	NVIDIA GeForce RTX 3080 / RTX 4070 or newer

GPSR Link: https://psr-assets.innpro.pl/gaming/sg_gaming_vr_accessories.pdf, PPWR: https://ppwr.innpro.pl/en/pimax, Gross weight: 3770, Net weight: 1200, Box length: 36,00, Box width: 30,00, Box height: 19,00

Techninė specifikacija

Matmenys ir svoris	
Matmenys (I × P × A)	36,00cm × 30,00cm × 19,00cm
Svoris	3,77kg