

## Introducing the next level of professional VR.

Use VR-2 and VR-2 Pro to create, train and run research in the only true-to-life VR environment. With human eye-resolution, integrated eye tracking, and unprecedented software support that now includes SteamVR applications, VR-2 and VR-2 Pro allow you to design and modify 3D models, train in realistic environments, and create limitless research scenarios – all with the pixel-perfect clarity that only Varjo can deliver.

Varjo devices are already compatible leading software tools, including:

UNREAL® UNITY® STEAMVR® CONTENT AUTODESK VRED® ZEROLIGHT® PREPAR3D®

### Available for purchase now

VR-2 and VR-2 Pro are sold together with Varjo's Software & Support service starting at \$795. For business use only.

VR-2  
€4 995

VR-2 PRO

€5 995

(including hand tracking)

Varjo is already trusted by:

V O L V O



SIEMENS

## Technical specifications

|                             |                                                                                                                                                                                                                                                                                                                                                         | VR-2          | VR-2 PRO              |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------|
| RESOLUTION AND REFRESH RATE | Next-generation Bionic Display™ with resolution at over 20/20 vision (over 60 PPD / 3000 PPI), flicker-free screen refresh at 60/90 Hz. Combining two 1920x1080 low persistence micro-OLEDs and two 1440x1600 low persistence AMOLEDs.                                                                                                                  | ✓             | ✓                     |
| COLORS                      | Infinite contrast ratio (over 10,000:1) enabling the deepest blacks and individually calibrated colors, delivering outstanding accuracy and image quality. Individual image uniformity compensation done for every device for optimized image quality.                                                                                                  | ✓             | ✓                     |
| TRACKING                    | Compatible with Steam VR™ and ART™                                                                                                                                                                                                                                                                                                                      | ✓             | ✓                     |
| OPTICS                      | Dual lens design combining different refractive index lenses for minimal color aberrations, zero ghost rays, and minimal reflections. Each surface coating has been methodically designed to maximize the brightness and clarity of the light fusion needed to achieve human-eye resolution. Improved optical materials generating more natural images. | ✓             | ✓                     |
| FIELD OF VIEW               | 87 degrees                                                                                                                                                                                                                                                                                                                                              | ✓             | ✓                     |
| EYE TRACKING                | Now with even faster and more accurate calibration – industrial-grade, sub-degree accuracy integrated 100Hz stereo eye tracking delivering unmatched accuracy and precision. Made to work seamlessly with Varjo's next generation Bionic Display™.                                                                                                      | ✓             | ✓                     |
| COMFORT & WEARABILITY       | Active airflow system, adjustable and detachable headband and head strap, comfortable usage with two different sized, easily replaceable face cushions and automatic interpupillary distance (IPD) adjustment for easy and accurate calibration when switching headset users.                                                                           | ✓             | ✓                     |
| WEIGHT                      | 605 g (+ headband)                                                                                                                                                                                                                                                                                                                                      | ✓             | + counterweight 250 g |
| CONNECTIVITY                | Thin and light optical fiber cables with USB-C. Link box for easy connection with PC.                                                                                                                                                                                                                                                                   | 5-meter cable | 10-meter cable        |
| HAND TRACKING               | Integrated Ultraleap hand tracking. An active IR sensor system consisting of two wide-angle cameras and LEDs.                                                                                                                                                                                                                                           |               | ✓                     |

## System requirements

The key system requirements for the Varjo headsets and related software:

| Component        | Recommended                                        | Minimum                                         |
|------------------|----------------------------------------------------|-------------------------------------------------|
| Processor        | Intel Core i7-8700<br>AMD Ryzen 7 2700             | Intel Core i7-6700<br>AMD FX™ 9590              |
| GPU              | NVIDIA GeForce® RTX 2080<br>NVIDIA Quadro RTX 6000 | NVIDIA GeForce® GTX 1080<br>NVIDIA Quadro P6000 |
| RAM              | 32 GB                                              | 16 GB                                           |
| Storage space    | 2 GB                                               |                                                 |
| Video output     | 2 x DisplayPort 1.2 / 2 x Mini DisplayPort 1.2     |                                                 |
| USB port         | 1 x USB-A 3.0                                      |                                                 |
| Operating system | Windows 10 (64-bit)                                |                                                 |

Learn more and purchase VR-2 and VR-2 Pro at [varjo.com](https://varjo.com).