

Eighteeth Surgical Binocular Loupes
Brilliance 48^o Pro

Effortless Imaging, Pro-Level Wearing

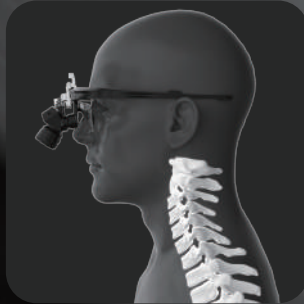


Unique Optical Structure: Free Shoulder & Neck

Innovative optical structure designed to deflect the optical path of the dental loupes downward by 48 degrees

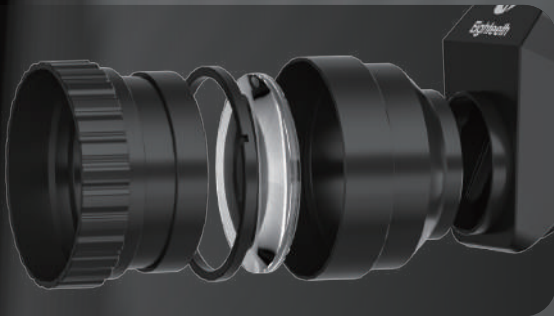
– Keep the back and neck in an upright position, effectively protecting spinal health

*Research indicates that prolonged periods of working with a bent neck and back can place immense pressure on the entire spine, leading to disc wear or tears, which have lasting implications for a doctor's health over time



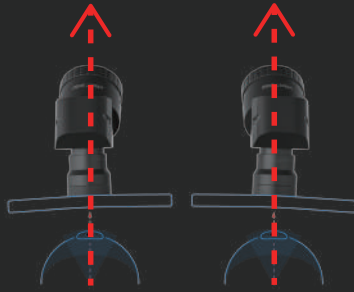
New-Updated Imaging: No Complex Adjustments

– Brand new optical structure: Optimized lens and frame design for a broader, clearer field of view



Flexible focus & pupil distance adjustment to prevent eye strain

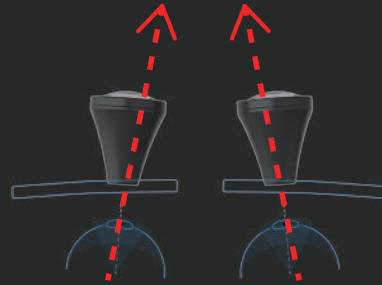
- The pupil distance can be adjusted separately, coordinating the vision of both eyes and alleviating eye fatigue caused by visual convergence
- The focal length can be independently adjusted, effectively resolving image blurriness caused by differences in vision between the left and right eyes, thus reducing focus pressure on the eyes



Brilliance 48° pro

Parallel field of view

Reduce intraocular rectus muscles tension



Conventional loupes

Binocular vision converging inward

Intensify intraocular rectus muscles tension

5x magnification: all oral details at a glance

- Provide 5x magnification and up to 81mm of maximum field of view

Clear vision for precise dental procedures

- Optimized achromatic optical path design ensures superior color correction capabilities
- Schott glass provides enhanced penetration of visible light, resulting in clear and high-quality images



Brilliance 48° pro



Conventional loupes



Revolutionary Nose Pad Design: Pro-Level Wearing Experience

Come with two adjustable nose pad to meet clinical needs in one magnifier

Wide & soft rubber nose pad

- Embedded pre-bent steel strip
- Adjustable height
- Easy nose bridge adaptation



Direct attached nose pad

- Direct wear without the need to remove prescription glasses
- Eliminate errors caused by eye prescription
- Ensure precise working distance



Ergonomic design for comfortable experience

- Center of gravity shifted back to reduce nose bridge pressure

Newly upgraded frame for easy lens customization

- Detachable eyeglass frame for quick lens swapping



Specification

Magnification Ratio	5X
Working Distance	350~400mm,400~450mm 450~500mm,500~550mm(optional)
Pupil Distance	52-76mm (individually adjustable on both sides)
Weight	94.3g(with frame)
Field of View	49~57mm,57~65mm 65~73mm,73~81mm
Color	Black/Silver

*Adapted to Eighteeth wireless headlight

