



# VSCOPE

Head Worn Microscope

12MM CONVERGED BINOCULAR OPTICS WITH  
FULLY INTEGRATED SURGICAL QUALITY DIMMABLE LED ILLUMINATION

The Ultimate in Versatility

Made in Australia

**VOROTEK**  
experience. knowledge. performance



- fine suturing - wound exploration - ENT requirements - front of eye procedures - operating headlight - mouth - dental injuries - eye - larynx - gynecology - intubation

# VSCOPE

## The Ultimate in Versatility

Ideal for procedures in narrow cavities & many other General Practice applications, the Vorotek V Scope is the ultimate in versatility. Using the same 12mm Converged Binocular Optics as the O Scope, the V Scope offers the added versatility of fully dimmable surgical quality illumination with edge-to-edge uniformity.

### Converged Binocular Optics & Magnification

The Vorotek V Scope features converged binocular vision combined with 2 dioptre magnification. In the same way a microscope works, the Vorotek V Scope's optical pathway converges the eyes to just 12mm apart (Refer Fig. 1 below Right). This allows both eyes to reach the bottom of narrow cavities and deliver excellent depth perception. The result is consistently improved diagnosis and more effective instrumentation.

### Surgical Quality LED Illumination

Vorotek's compound lens system and LED technology produces a brilliant **55,000 lux**. The field of illumination provides superior edge-to-edge uniformity across the entire field of view.

### Dimmable LED illumination

The dimmer switch provides 8 evenly spaced levels of illumination (essential for eye procedures) with a clear LCD display.

### Coaxial LED Illumination

The location of the brilliant LED illumination is as close to the visual pathway as possible, allowing shadow free illumination of the field of view.

### Fully Integrated Design

The fully integrated design ensures the converged binoculars and illumination stay precisely aligned at all times.

### Dual Function

The Integrated Converged Binoculars can easily be rotated in and out of use. Upward rotation of the Converged Binoculars allows uninterrupted vision, with or without headlight illumination.

### Portable Power Supply

The high capacity Lithium Ion Power Pack (either belt or pocket worn), provides 7hrs to >20hrs "on time" depending on the illumination level.

### Design Features

Head worn, light weight and hands-free emphasising simplicity, durability and comfort. Fully adjustable Interpupillary Distance (IPD)

### V Scope Models

**SpecFrame model** Ideal for individual users. Prescription lenses can be fitted.

**HeadBand model** Ideal for shared use. Can be used over prescription glasses.

### Designed For

General Practice, Emergency Medicine, Obstetrics & Gynaecology, Paramedics.

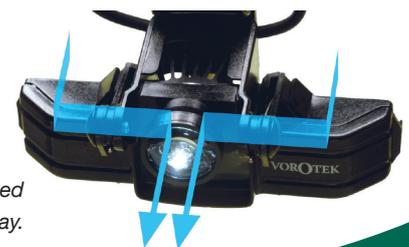


Figure 1. 12mm Converged Binocular Optical pathway.

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