

# Datavisor 80

## Wide Field-of-View and High Resolution

**120 degrees Field-of-View Standard**  
**Up to 1280x1024 Full-Color Resolution**  
**Ergonomic Design**  
**Stereoscopic**  
**Digital Display Control**



Introducing the Datavisor® 80, the highest performance commercially available head mounted display for virtual reality applications. Featuring a combination of high-resolution and wide field-of-view specifications previously available only on a custom basis, the Datavisor 80 enhances even the most demanding virtual reality implementations.

Developed by the virtual reality industry's leading producer of immersive display systems, the Datavisor 80's flexible, multisync capability supports a wide range of video formats, from 640x480 to 1280x1024. The ergonomically designed unit comfortably fits a range of users and includes user-adjustable video controls.

For applications where field-of-view and performance can not be compromised. The Datavisor 80 offers the widest field-of-view (120 degrees) and highest resolution available on a commercial basis.

### Optical

Monocular FOV (diameter):	80°
Maximum FOV (horizontal):	120°
Image Plane Focus:	infinity
Pupil Diameter:	15mm
Brightness:	>5 fL
Arc Minute / Pixel:	3.0
Eye Relief:	30mm
Overlap Positions:	50%

### Display

Technology:	1" CRT
Video Formats:	640x480 to 1280x1024 (multisync)
Vertical Rates:	180 Hz
Full Color (24 bit):	yes

### Mechanical

IPD Adjustment:	53-73 mm
Weight:	64 oz

### Options

- See-through
- Motion Tracking
- PC Video Compatibility

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