



hi-Res800™

NEW hi-Res800™_PC (2D/3D)

The ultimate multi user HMD

The best price/performance fully immersive 3D HMD for the Entertainment & Simulation Market. With the Quality/Design that you've grown to expect.



Imagine a high-resolution head mounted display that weighs less than 700g! The all new Cybermind hi-Res800™ PC 3D is plug & play compatible with nearly any computer to offer you 3D computer imaging.

The Perfect Solution for computer based applications:

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| <ul style="list-style-type: none">·Notebook Accessory·Virtual Reality Simulation·Entertainment·Inspection Systems·PC Gaming·Portable Work Stations | <ul style="list-style-type: none">·Remote Video·Private Movie Watching·Portable Monitors·Secure Notebook Use·Medical Monitors·Trade Show Attractions |
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All our products are hand-made so that our customers get the best quality/performance. Our design permits us great flexibility that enables us to integrate various optics, sensors, trackers, cameras and headphones.

So tell us your application needs & we will tell you the possibilities.

December 2003 - We will be shortly placing more information online regarding a project whereby Virtual Reality is used as a distraction for burn patients in two European Burn Centres. We have completed this project at the end of 2003 and will be placing more images and information regarding this project online as they become available

The Basic configuration used for the Virtual Distraction project at the above hospital is our hi-Res9003D Head Mounted Display with the Polhemus FasTrak seamlessly integrated into the HMD, the Dell Precision 650 Workstation with nVidia 128MB QuadroFX1000 dual head graphic card and the SnowWorld software.

This project has been running successfully since February 2003 in Copenhagen and December 2003 in Groningen.





Product Specification:

Full-Colour, SVGA Immersive Head Mounted Display.

<u>Parameter</u>	<u>Specification</u>	<u>Parameter</u>	<u>Specification</u>
Resolution	800x600	Head Worn Weight	<700 grams
Field of View	26 degrees diagonal	HMD Color	Black/Cyber Gold
Eye Relief	25mm	HMD Cable Length	3 meter
Exit Pupil (full field)	17mmH x 6mmV	HMD Cable configuration	Power: Barrel connector
Focus	13' (TBR)	HMD Cable configuration	RGB: Standard VGA
Focus Adjust	None Required	HMD Cable configuration	Audio: 1/8" mini stereo
Refresh Rate	Flicker Free 100Hz	Head size	Adjusts to fit all sizes
Convergence	7' 10", 100% overlap, TBR	Operating Condition	0-50C
Stereo 3D capable	Yes (Requires Stereo drivers)	Storage Temp	-20 to 60C
Optics Adjustment	None Required	Humidity	10-95% non-condensing
See through capability	No	Volume Control	Rocker Switch
Luminance	4-5 fL (estimated)	Power on/off	Button Switch
Color Depth	24 bits	Power Supply	100-240V AC power cube
Virtual Image Size	70" at 13' (approx. 2m at 4m)		
Contrast Ratio	75:1 – D3C LCD's		
VGA/SVGA/XVGA Input	Scaled to SVGA (800 x 600)		

The InterTrax²™ head tracker device (optional) is seamlessly integrated into the hi-Res800™ PC as Standard with custom solutions available for Polhemus, Ascension and the InertiaCube² & InertiaCube³.

Please contact:

sales@cybermindnl.com or info@hi-res800.com
to obtain information about pricing and availability

And more information will soon be available at

www.hi-Res800.com

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