



i-Theater HR

Product Features:

- Improved Video Resolution
- Perfect for Portable Entertainment
- Connects to any RCA video source
- Works with iPods and Game Consoles
- Includes Rechargeable Battery, AC Adapter and all Cables

Summary

Now in High-Res... i-Theater HR: the World's Most Lightweight Mobile Video Eyewear

i-O Display Systems is pleased to introduce **the i-Theater HR**, a completely mobile video viewing system with greatly improved technical specifications.

With 922,000 pixel resolution, this personal video display offers **high-res pictures on-the-go in a compact AV unit** that weighs just 2.1 ounces. The i-Theater HR features a sleek, ergonomically comfortable and lightweight design - but don't let the small package fool you. All the necessary electronics and optics have been integrated into this compact, stylish, video-eyewear product.

Connect to:

- Gaming Systems
- VCRs and DVD players
- Video iPods
- Cell Phones

Applications:

- Video Gaming
- Portable Entertainment
- Private Movie Watching
- Remote Internet / Images

The i-Theater HR delivers a crisp, vivid-color, VGA resolution (640 x 480) video image which is equivalent to a 70 inch video screen viewed from a distance of 8.5 feet. The full-screen image is compressed into two of the industry's smallest light-transmitting LCDs (liquid crystal displays), by means of **award-winning technology**, protected by more than 200 global patents.

The Perfect iPod Accessory



Connect to your iPod. To enjoy outstanding video and audio quality, simply plug into your favorite video source (DVD, VCR, Game Console) with the included RCA cables. You can even connect it to your Video iPod with the included **iPod Interface Cable**. The specially designed cable plugs directly in to your iPod's headphone jack and provides all the necessary AV jacks for the i-Theater glasses.

Why settle for a tiny 2 inch iPod Video screen? When you interface your iPod Video with the portable and lightweight i-Theater HR glasses, you'll **experience an incredible 70 inch virtual video image** from the i-Theater's internal LCD (Liquid Crystal Display) screens.

Advanced Electronics: The i-Theater HR integrates all the video eyewear functions into one rugged, low-power, plug-and-play module. The system's binocular display module (BDM) includes two video displays, backlights, drive electronics, and a pair of 32-degree field-of-view optics with large eye relief (20 mm) and pupil size (10 mm).

The displays are precisely aligned to the optics and to each other for viewing comfort, and the package is designed to maintain alignment during use. Its low power consumption allows for [long battery-powered viewing time](#) - up to eight hours from the included re-chargeable lithium polymer battery. The unit also comes with an A/C power adapter.

The mobile video revolution has begun. The combination of video microdisplays, adapters, surround-sound stereo and battery pack, make it ideal for consumers to [privately view theater-quality video](#), photos and websites from small mobile devices such as cell phones, Video iPods, portable DVD players, and personal multimedia players. This small unit is proof that the mobile video revolution has begun and will change the way information and entertainment is delivered to people, wherever they go.

Specifications:

- Display Resolution: 922,000 Pixels per LCD (640 X 480) VGA
- Field of View: 32 Degrees (Diagonal)
- Weight: 2.1 oz. (without cable)
- Video Signal: NTSC / PAL / SECAM
- Virtual Image Size: 70 inches as seen from 8.5 feet
- Power Consumption: Less than 900mW
- Operating Temperature: 20° - 100° F
- Battery: 4.5V D/C Lithium
- Battery Life: 4-5 hours