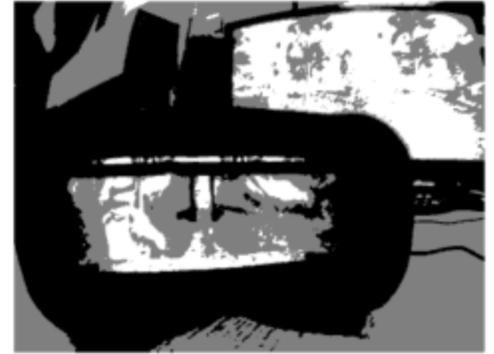


BrainWave Head Wearable Displays

Technology Offering

Lockheed Martin has created the technologies required for the next generation of immersive wearable systems. The platform incorporates a very lightweight, extremely wide field of view (>180° for immersive and >140° for optical see through) wrap around the eye lens and extremely high speed tracking system. This device enables the user to experience an IMAX®-like experience for legacy video content and immersive interactive media.



The first low-cost, fully immersive lens technology.

Over twice the horizontal field of view of IMAX® theater screens or Oculus Rift.

Immersive >180°

Optical see-through heads up display >140°

Features Include

Lockheed Martin space and satellite optics technologies and quality.

Low cost manufacturing – polycarbonate injection molded.

Extremely thin and lightweight. The optics wrap around the eyes.

High speed 6 DOF head tracking coupled with a tracking buffer to virtually eliminate latency.

Utilizes standard HD micro displays.

These technologies are Patent Pending.



LOCKHEED MARTIN'S OFFERING

Quick engagement to understand your issues, challenges and opportunities to use BrainWave. Develop a proposal to implement BrainWave into your products/business with your team. Transfer BrainWave techniques, process and know-how under a license agreement.

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