

Empowering Your Business with

Assisted Reality



POWERING CONNECTIONS



Hands-Free Digital Workforce Enablement

- ✓ Hands-Free Voice-Controlled Industrial Interfaces: Deployment of Mactek Assisted Reality (AR) devices, providing frontline workers with voice-controlled, head mounted displays for hands-free access to critical information, work instructions, and remote expert assistance in industrial, manufacturing, and field service environments.
- ✓ Remote Collaboration and “See-What-I-See” Support: Integration of high definition cameras and noise-canceling microphones for real-time video and audio streaming, enabling remote experts to provide live guidance, troubleshoot issues, and conduct inspections without being physically present.
- ✓ Seamless Integration with Mactek’s Service Pulse Platform: Direct integration of AR devices with Mactek Service Pulse for automated work order management, digital checklist execution, data capture (photo/video), and real-time synchronization of operational data, enhancing workflow efficiency and data accuracy.
- ✓ Comprehensive Training and Deployment Services: Provision of end-to-end support, including user training, device configuration, software customization, and pilot program deployment, ensuring rapid adoption and maximum return on investment for assisted reality solutions.

Technical Specifications

Features

- ✓ System Type
- ✓ User Interface
- ✓ Display Technology
- ✓ Connectivity
- ✓ Use Cases
- ✓ Mounting & PPE Compatibility
- ✓ Environmental Rating
- ✓ Power & Operation
- ✓ Integration
- ✓ Compliance

Specifications

- ✓ Assisted Reality Wearable Computing Platform (Non-immersive XR)
- ✓ Voice-Controlled, Hands-Free Operation with Noise Cancellation
- ✓ Monocular Micro Display (Equivalent to Tablet View, Positioned Below Line of Sight)
- ✓ Wi-Fi, Bluetooth, Optional LTE Integration
- ✓ Remote Assistance, Inspection, Maintenance, Training, Digital Workflows
- ✓ Helmet-mounted, Headband, Safety Glasses Compatible
- ✓ IP66 Rated, Drop Resistant (Up to 2m), -20°C to +50°C Operation
- ✓ Full-Shift Operation with Hot-Swappable Battery Capability
- ✓ Compatible with Enterprise Platforms (Remote Support, IoT, Workflow Software)
- ✓ ATEX / IECEx (Hazardous Areas), Industrial Safety Standards

Why Choose Us?

- 01.** 100% Hands-Free Operational Efficiency: Our assisted reality devices empower frontline workers with intuitive voice control, enabling them to access vital information, execute complex tasks, and collaborate with experts while keeping their hands free, dramatically boosting productivity and safety.
- 02.** Industrial-Grade Ruggedness and Safety: Designed for the most demanding environments, our solutions boast high IP ratings and are available in intrinsically safe (ATEX Zone 1 / CSA C1D1) configurations, ensuring reliable performance and worker protection in hazardous locations.
- 03.** Real-Time Remote Expert Collaboration: Leverage high-definition video and noise-canceling audio for instant

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