



CyberAi

CyberAwareness System



CyberSage™

(Patent Pending)

Solid-state Artificial Intelligence System.



CyberSound™

A microphone array system utilizing "Direction of arrival" technology. Auditory capability can include Voice recognition, Isolation and Biometrics, Multiple guest tracking, Show trigger phrases, IoT, etc.



CyberSight™

A micro 6mm HD video capture system. Custom eyes can be fabricated as small as 10mm in diameter. Visual capability can include Face / body tracking, Object identification, Obstruction avoidance, Emotion detection, VSLAM, IoT, etc.



Created By

DW INNOVATION.com
LAB

4225 Prado Road • Suite 108 • Corona, CA • 92878

DW Innovation Lab offers Ai software and hardware development as well as design services for all applications.

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See our magic
in Motion.



CyberSage™

PATENT PENDING



“Is an Artificial intelligence that can be integrated into any show control system.”

The DW Innovation Lab has created “CyberAi”, a company which specializes in the integration of motion control (Cyber) and Artificial Intelligence (Ai) systems.

“CyberSenses”, The Gateway to automated Ai and human interaction:

“CyberSage™ (Patent Pending)”, an Artificial Intelligence hardware/software solution that can be integrated with any motion control system. This integration has direct commercial application for the entertainment industry involving Animatronics. When CyberSage™ is combined with the ability to see, CyberSight™, and hear CyberSound™, then automated human interaction or “CyberAwareness” is achieved. This CyberAwareness allows Animatronics to interact with guests at amusement parks without human intervention.

A technological breakthrough that is limited only by the imagination.



CyberSound™

“When CyberSage™ can hear, it can react to what you say and know where you are.”

CyberSound™ has a microphone array system which utilizes “Direction of arrival” technology. This gives our Ai not only the ability to hear, but identify, locate, and track multiple guests simultaneously. The ability to hear “keywords” can also be used as show triggers.

CyberSound™ Technical Applications:

- Far-Field speech recognition
- “Air-gapped” Natural language processing (NLP)
- Spoken keyword trigger activation
- Human voice identification (Auditory biometrics)
- Automated noise cancellation
- Multiple sound source tracking and localization
- IoT (Internet of Things) integration



CyberSight™

“When CyberSage™ can see, it can interpret and react to the changing environment.”

Cybersight™ is an HD video capture system which can allow our Ai to identify, locate and track multiple guests simultaneously. Any visual object can become a show trigger such as hats, badges, shirts, etc.

CyberSight™ Technical Applications:

- Autonomous human interaction
- Navigation / obstruction avoidance (Visual odometry)
- VSLAM (Visual Simultaneous Location and Mapping)
- Face / pedestrian detection
- Object identification/detection
- Facial recognition (Visual biometrics)
- Emotion and sentiment detection
- IoT (Internet of Things) integration

6"

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