CyberAi

"Automated Human Interaction"

The DW Innovation Lab has created a new revolution in show control technology. An Artificial Intelligence called "CyberSage™ (Patent Pending)". CyberSage™, is an embedded solid-state hardware solution that can be integrated into any show control system.

When CyberSage™ , is combined with the ability to "See" CyberSight™, and "Hear" CyberSound™, then automated human interaction or "CyberAwareness" is achieved. This allows animatronics to interact with guests at amusement parks without human intervention.

This technological breakthrough is limited only by the imagination.

CyberSage™
PATENT PENDING

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

See our magic in Motion.

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.
DW Innovation Lab is a wholly-owned subsidiary of MultimediaLED, Inc. (951) 280-7500

CyberAi

CyberSage™

PATENT PENDING

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

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CyberSage™ Compatibility:
"CyberSage™ (Patent Pending)", can be integrated into any motion control system. CyberSage™ (Ai) is currently integrated with Weigl Control, interactive control hardware and "Showforge" software. Our Ai interacts with Weigl hardware by patching directly into the show multiport network bridge. CyberSage™ can control all of the show hardware by sending commands directly to the show controller. Our Ai not only sends commands to Weigl hardware , but also monitors the show data flow. Our Ai "listens" for show data output such as Showforge programming commands ie: "Command Markers".

Reliability / Technical:
CyberSage™ uses embedded FPGA hardware archetecture which provides low latency. This ensures minimal delay in the processing of the data stream, as well as solid-state dependability.

Upgading "Legacy" Animatronics to Artificial Intelligence:
CyberSage™ can control any actuator/device integrated through a motion control system. If automated human interaction is desired, visual capability will be required. Simply replace the animatronics eyes with our "CyberSight™ Vision System". Once CyberSight™ is connects into the network, our Ai, CyberSage™ will be able to "see" and take control of the system.

Specifications: Width = 6", Length = 6", Height = 2-3/4", Weight = 3.35 Lbs, @12VDC

CyberSage™ (Patent Pending) Technical Applications:
Autonomous human interaction
Navigation / obstruction avoidance (Visual odometry)
VSLAM (Visual Simultaneous Location and Mapping)
IoT (Internet of Things) integration
Face / pedestrian detection
Object identification/detection
Facial recognition (Visual biometrics)
Emotion and sentiment detection
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 (Direction of arrival)

Industry Application:
Entertainment
Hospitality
Healthcare
Manufacturing
Transportation
Education
Security

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