

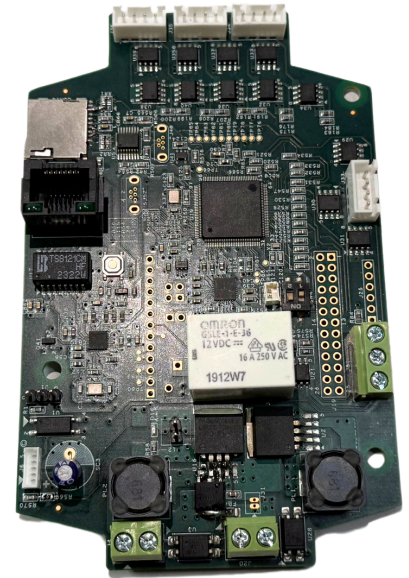
Action-CS Audio Card Ver 0.2

Enhancing Audio and Strobe Capabilities for Active Deterrence Units

The Action-CS Audio Card Ver 0.2 brings advanced audio and strobe features to Active Deterrence Units. Customizable settings are accessible through a built-in webserver or HTTP POST APIs, enabling seamless integration and operation.

Key Features:

- Control **Standard Strobe Lights** for configurable durations.
- Activate **RGB LEDs** with customizable time settings.
- Configure and trigger **Heartbeat Patterns**, including duration and intensity.
- Upload and play **MP3 files**.
- Set **Three-Tier Rules** for advanced Active Deterrence strategies.
- Enable **Synchronous Audio Trigger** for audio cards within the same network.



Key Advantages:

- Simplified **web-based configuration** for faster setup and deployment.
- Enhanced **audio quality** with a powerful DSP codec.
- Advanced strobe and RGB LED capabilities to boost deterrence.
- Flexible storage and input options for a variety of deployment scenarios.
- Synchronized network operations for seamless system coordination.



(206) 237-7250



www.action-cs.com

Specifications

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Processor:	Nuvoton NUC980DK71Y C	ARM926EJ-S core, up to 300 MHz operating frequency	Integrated 128MB DDR II Memory	
Storage:	Expandable up to 64GB via uSD card			
Audio Codec:	24-bit codec with on-chip DSP	5-band equalizer and 3-D Audio Enhancer	Microphone input (J50)	Speaker drive via CON19 or routed back through VoiceDown Board (J6 connector)
Lighting Support:	RGB Strobe Lights: Up to 4			
Inputs:	3 Trigger Inputs: <ul style="list-style-type: none">• 1 from VoiceDown Board• 2 onboard REX inputs via J4 and J20 connectors			
Network:	10/100 Fast Ethernet			
Power Input:	12V @ 3A (powered via any VoiceDown variant)			
Latest PCB Version:	Ver 0.2			



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