

ACTIVE DETERRENCE WITH AVIGILON UNITY & ALTA

TURN YOUR AVIGILON CAMERAS INTO DETERRENCE-DRIVEN SECURITY DEVICES

Plug-n-Play Active Deterrence for Avigilon Unity & Alta

Pre-assembled Action-CS units combine lights, audio, and two-way voice — triggered directly from Avigilon analytics — instantly transforming your Avigilon cameras into an active deterrent system.



Visual Deterrence

High-intensity LED strobes deliver an unmistakable on-site deterrent
Communicates “You’re being monitored” before escalation is needed
Proven to reduce loitering, break-ins, and perimeter threats



Audible Response

Instant, analytics-driven voice warnings triggered by Avigilon Unity or Alta
Tiered, pre-recorded messaging or custom scripts
Optional 100-watt horn extends range for large or noisy environments



Live Voice Intervention

Two-way communication through built-in mic
Remote talk-down from monitoring centers
Real-time engagement that stops crime

Key Features

Action-CS Active Deterrence Units create an unmistakable on-site response the moment Avigilon analytics detect a threat — reshaping security from “recording a crime” to stopping it before it occurs.

Exterior ADU

- IP34 weather rating & vandal resistant for -40° to 120°
- (3) high-intensity 18-watt LED strobe strips
- (4) IP67-rated speakers with 60-watt total audio output
- Optional 100-watt bullhorn
- Enables live talk-down, 2-way audio, or up to 50 pre-recorded messages
- Single Ethernet cable deployment



Interior ADU

- (3) 18-watt red/blue strobes
- 10-watt amplified speakers and two-way audio for voice-down communication
- Omnidirectional microphone
- 360° lights + sound coverage
- Single Ethernet cable deployment



Compatible With the Avigilon Ecosystem

Action-CS integrates directly with Avigilon Unity (on-prem) and Avigilon Alta (cloud), allowing Avigilon analytics to automatically trigger real-time physical deterrence — lights, audio, and live voice — without custom wiring or external relay boxes.



Optimized for Avigilon Cameras

Native-triggered deterrence from Avigilon’s built-in analytics — human/vehicle detection, loitering, perimeter intrusion, and more.

Single-Cable Simplicity

Camera, horn, strobes, and audio card all travel through one PoE++ cable — no auxiliary power or converters required.

Unified Control Across Unity & Alta

Supports both Unity and Alta, letting security teams standardize deterrence across any deployment model.

Automated Audio Escalation Through the Audio Hat

The Action-CS Audio Hat connects Avigilon’s analytics to real-time deterrence — automatically escalating from awareness to human intervention based on behavior, not time. Once Avigilon identifies a threat, the Audio Hat handles the engagement instantly.

Stage 1 - Detected



Analytics detect presence or loitering

Prevents crime at the earliest stage

No operator action required

Stage 2 - Challenged



A clear voice message alerts the individual they are being monitored

Interrupts unwanted behavior before escalation is necessary

Triggered automatically from the VMS

Stage 3 - Confronted



A final warning communicates that security has been notified

Prepares intruder for escalation to human operator

Escalates only when behavior persists

Live Talk-Down (Human Engagement)

If the threat remains after the final warning, monitoring personnel can instantly speak through the same device — shifting from automated engagement to direct human authority in seconds.

Powering Avigilon Domes With the Ultra Board

The Action-CS Ultra Board eliminates the need for separate power supplies or auxiliary wiring by delivering high-wattage PoE directly to Avigilon cameras and the deterrence hardware — all through a single Ethernet run.

Powers up to three (3) high-wattage Avigilon cameras

Ideal for domes, PTZs, and multi-sensor models

One cable, complete system

Camera + horn + lights + audio through a single PoE+ run

Clean installation

Reduces conduit, junction boxes, and field wiring clutter

Built-in 10/100 switch

Direct passthrough for camera/data without separate hardware



Technical Snapshot

Spec	Detail
Downstream PoE	(2) 90-watt Ethernet ports + 1 auxiliary for ADU/horn
Upstream Power	180-watt Action-CS injector
Supported Devices	Avigilon domes, PTZs, multisensor, and Alta cameras
Form Factor	Compact, mountable, integrator-friendly

Three deployment options—same patented deterrence technology.

Choose the format that fits your site, power availability, and security goals.



Interior ADU

Compact, low-profile voice-down system designed for indoor environments—ideal for controlled access points, warehouses, or retail spaces.

- Mounts easily on walls or ceilings with discreet design
- Includes two-way audio and visual deterrence
- Integrates with 180° or 360° cameras and existing surveillance networks



Exterior ADU

Permanent installation on building walls or corners for focused protection around entrances, storefronts, and high-traffic areas.

- Ideal for properties with existing infrastructure and network access
- Provides 180° to 270° coverage for targeted deterrence
- Clean, discreet design that blends into building exteriors



Light Pole Power Kit

Pole-mounted ADUs powered directly from existing light poles—perfect for wide, open spaces like parking lots and campuses.

- Leverages existing power and mounting points
- No trenching or added infrastructure needed
- Delivers 360° active deterrence across large areas

Light Pole Power Kit

Action-CS Light Pole Power Kits (LPPKs) deliver continuous power and connectivity for cameras, deterrence systems, and network equipment — no trenching, permits, or downtime required.



How It Works



Connect: Taps directly into 120/240/277VAC power — no trenching or rewiring.

Convert: Smart controller regulates power and charges the lithium battery.

Run: 100AH battery keeps systems online even when lights are off.

Power: Built-in PoE++ switch delivers power to ADUs, cameras, and AI devices.

Protect: Dual fans and auto shutoff maintain safe system performance.

Why It Matters



- Ideal for parking lots, sites, and yards with no 24/7 power source
- Keeps ADUs and cameras running day and night through integrated battery backup
- Blends into existing infrastructure — no trailer or ground space required
- Maintains a clean, professional look without signaling high risk

Easy Installation and Deployment

01

Simply connect to current power at the pole 120/240/277 VAC

02

Run a single Ethernet cable to connect the ADU

03

Point and aim the Point-to-Point bridge back to the building for connectivity or provide a SIM card for cellular

04

Aim your cameras and test your system

Action-CS Competitive Advantage



Fully retrofits Avigilon cameras into active deterrent devices



Priced at the optimal point in the market



Patented single-cable architecture



Fast deployment with no rewiring, trenching, or special programming



Integrates through existing Avigilon analytics