AIRSHIP OUTPOST AI

Powered By Airship AI. Driven By You.

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OUTPOST AI

Purpose-Built

Outpost AI is Airship's highly efficient edge-based video and metadata recording software installed on a small form factor device. Optimized for use with Airship's Law Enforcement Enterprise Management System (EMS), Outpost AI enables agencies and departments to get real-time actionable intelligence, anytime and anywhere.

With on-board AI-driven object detection, analysis tools, and streaming options, Outpost AI provides an efficient and streamlined solution for law enforcement. Each device is NDAA/TAA compliant and purpose-built for law enforcement technical surveillance.

By deploying Outpost AI, agencies and departments can leverage existing cameras and add edge-based security, data resiliency, and machine learning capabilities, providing significant cost savings and network operational efficiency through reduced bandwidth overhead. Local HD recordings written to external drives at the edge are securely encrypted and protected from viewing without proper access and authentication.

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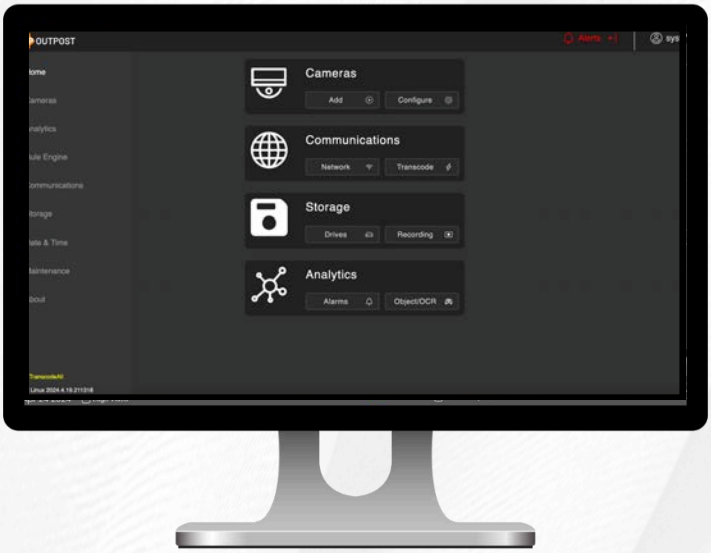
Secure Platform

Outpost AI provides edge-based encrypted recording and encoding of video, audio and sensor metadata from a wide range of edge-based sensors in a small form factor.

Outpost AI puts the user in control - with definable video quality over a low-bandwidth stream, while also recording native HD footage at the edge. Outpost is the unmatched edge-based video solution.



Airship AI's Outpost code base platform was written, compiled and installed on hardware that is NDAA, TAA and Buy America Act compliant.

Airship AI's Outpost software allows for transport security protocols up to AES-256, with data encrypted both at rest and in transit.

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Key Features

- Edge-based recording to multiple drives. Able to record and securely store common camera drivers such as Canon, Axis, Drones, RTSP/RTMP, Onvif, Hanwha, Panasonic and others. Outpost Recording Player is included on drives retrieved in field for easy-access local playback.
- Delivers edge-based analytics such as detection and recognition of License Plates with both day and night confidence adjusting capabilities, aircraft tail numbers, and boat hull numbers with additional OCR data sets.
- Supports up to four (4) analytic enabled channels with transcode streaming.
- User-definable "Turbo-mode" feature allows throttling of individual streams from within client applications to allow for on-demand video quality adjustments based on operational needs.
- Provides high-resolution downloads from edge to server for pre-recorded HD video, while concurrently live streaming low-bandwidth transcoded video.
- Enables simultaneous user-defined streaming video parameters of multiple independent channels for remote viewing and management, as low as 64Kbps with sub-second latency.
- Features edge-based object detection for a variety of objects, including people, vehicles, smoke, fire, weapons, boats, planes, bags, and faces.
- Offers high accuracy real-time edge based alarms that are trigger or event driven, creating a more efficient workflow for the user.
- User-defined threshold alerting for available storage capacity, displayed as color coded icons within viewing clients.
- Real-time PTZ, Area of Interest, and other Airship viewing client functions for each video stream.

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Outpost Mobile

Outpost Mobile provides a method of transcoding mobile video to stream to a secure viewing client. Outpost Mobile utilizes the native camera on an IOS or Android device and sends the transcoded stream via Relay Server back to Airship Server for recording.

- Stream live footage instantly to the Airship Server
- Interview Mode uploads interview footage directly to the Evidence Discovery System (EDS)
- Tactical Mode features drone recording with integrated GPS tracking
- Capture high-resolution recordings, with downloads available directly to your phone

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Device Specifications

SPECIFICATIONS:		
VIDEO STREAMING	Transcode All	Up to eight (8) channels 1920x1080 / 30fps
	Transcode All (AI)	One AI ch + up to four (4) 1920x1080 / 30fps
	Connection Type:	Reliable, secure (AES-256) video transmission from 64Kbps to 4Mbps
SYSTEM	Power In:	DC-in 12-24 VDC / 2-Pin Terminal Block (Auto-ON by default)
	Power Consumption:	Idle: 4W, Full Loading: 35W
	Operating System:	LINUX
INPUTS / OUTPUTS	Network:	2 x 1000 BASE-T Ethernet
	Storage:	Supported: USB External HDD/SSD
	USB:	2 x USB 3.2 Gen2 Type A (supports up to 10Gbps shared)
	Video:	1x HDMI 2.0 port
PHYSICAL	Dimensions (HWD):	 2.16 in (55mm) x 6.06 in (154mm) x 2.99 in (76mm)
	Mounting:	Wall mount (2 screw slots on each side)
	Gross Weight:	475g (16.8 oz)
	Cooling:	Active heat sink and a Fan w/PWM Control
	Temperature:	Operating Temp.: -25°C ~ +55°C (-13°F ~ +131°F) Relative Humidity 95% @ 40°C (104°F) (non-condensing)
SOFTWARE REQUIRED	**Airship Server, Airship EMS, Nexus Client**	
COMPLIANCE	ONVIF compatible (including Profile-T)	
	RTMP/RTSP/HTTP drivers for sensor and non-standard cameras	
REGULATORY APPROVALS	CE, FCC, KC	