

AirGuard V3.18 Feature Release Notes (Customer)



Customer Release Notes — Layer1 Enhanced — Visually Track & Confirm Drone Threats Product Feature (V1.0)

 Release Date: September 5th, 2025

Feature Overview

AirGuard now integrates **RID V1 Sensor** detections with **Axis PTZ Cameras** to automatically cue, track, and capture images—transforming Remote ID signals into actionable, image-backed evidence within seconds. This release delivers faster speed-to-visual, higher-quality evidence, and streamlined operator workflows by removing the need for manual PTZ control.

User-visible behavior (AirGuard):

- LIVE/Records: solid **camera icon** when photos are captured; hollow icon if no photos.
- Records: filter by **Layer 1 Sensor** and optionally, search by **DroneID/RID**.

- Searchable history by **DroneID/RID** in Records.
- **LIVE** and **RECORDS** views display a **camera icon** (solid color) when photos are captured. If the sensor has an active pairing with a camera but no pictures have been captured or are available the only a camera icon with grey boundaries is displayed next to the detection in the left panel.
- A RID V1 sensor that is capable of supporting the Axis PTZ Camera integration and does not have a camera paired yet, will display a message to contact AirSight sales team in the Details panel.

The screenshot shows the AirGuard Live interface. On the left, a 'DRONES' list shows three active drones: DJI Mavic Mini 3 031D4KW, RID DJI Phantom 4 R1A3G2U, and RID DJI Mavic 3 163CGAF. The central map displays flight paths for these drones over a satellite view of Seattle. On the right, the 'DETAILS' panel for the selected drone (MV2632, DJI Mavic 3 Pro) shows flight time (3:13), altitude (201 ft), and speed (15.6 mph). A 'CAMERA' section shows a live feed. A 'LIVE FLIGHT DATA' section shows a graph of altitude over time.

The screenshot shows the AirGuard Records interface. On the left, a list of past flights is displayed, including various DJI models and their flight times. The central map shows flight paths over a rural area with lakes and fields. On the right, the 'DETAILS' panel for a specific flight (BITX Mini 4K) shows flight time (1m 33s), altitude (56 ft), and speed (7.8 mph). A 'CAMERA' section shows a live feed. A 'NEW' message box is visible, stating: 'NEW: Now you can add a camera to your sensors. Reach out to our sales representative.'

Customer Benefits

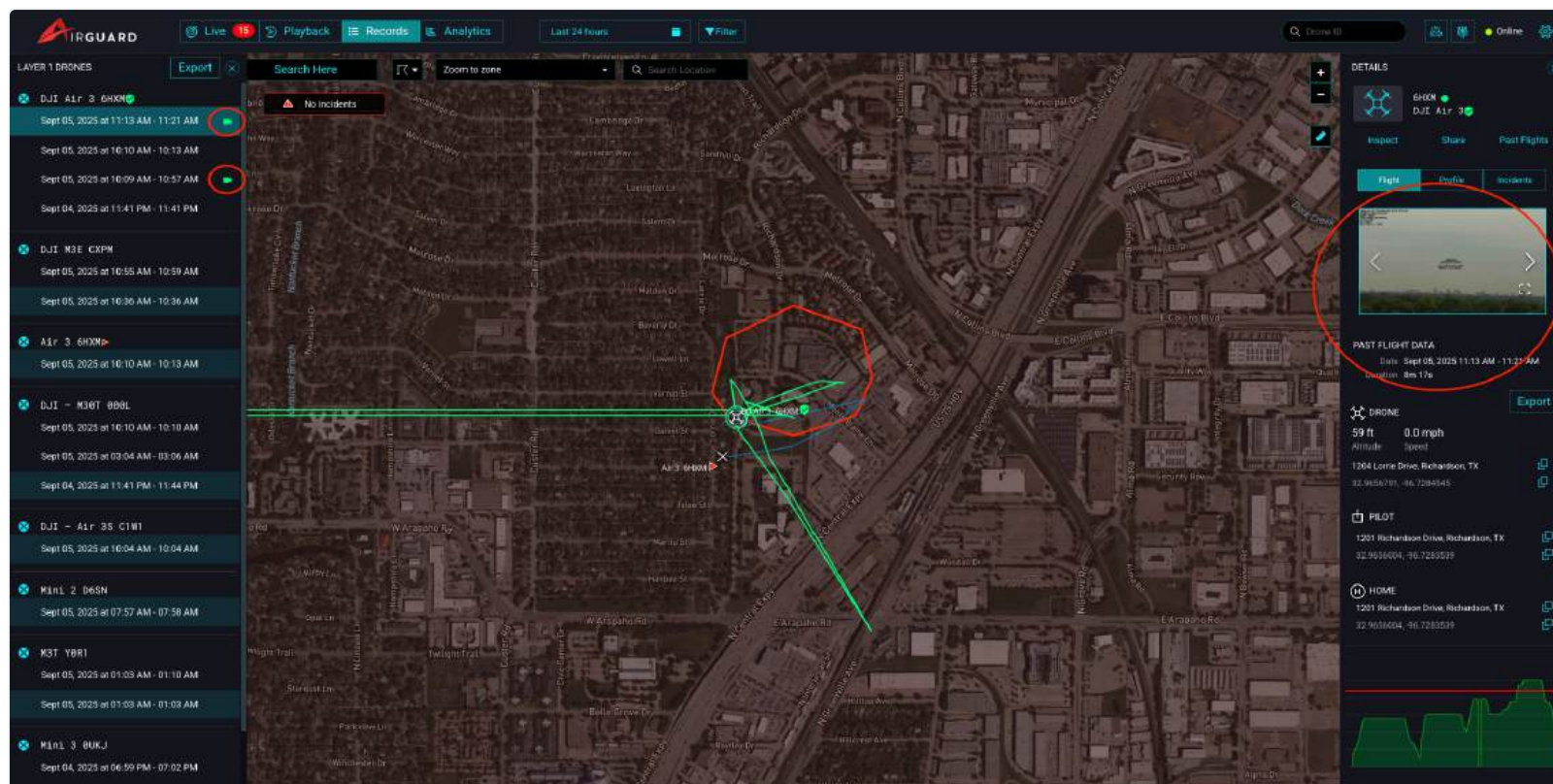
- **Faster time-to-visual** for quicker interdiction and fewer false alarms.
- **Earlier confirmation:** RID V1 often detects at longer ranges than radar, enabling earlier cueing.
- **Dual-sensor resiliency:** Radar and RID can both cue the a PTZ camera to improve lock probability.
- **Maximize ROI (optional):** Optionally reuse the same Axis PTZ Camera already deployed for radar.
- **Audit-ready evidence:** Photos tied to RID data (drone ID, time, location) strengthen evidentiary records for investigations and enforcement.

How It Works (at a glance)

RID V1 Sensor → AI Server → Axis PTZ Camera → Layer1 Record

AirGuard — LIVE View

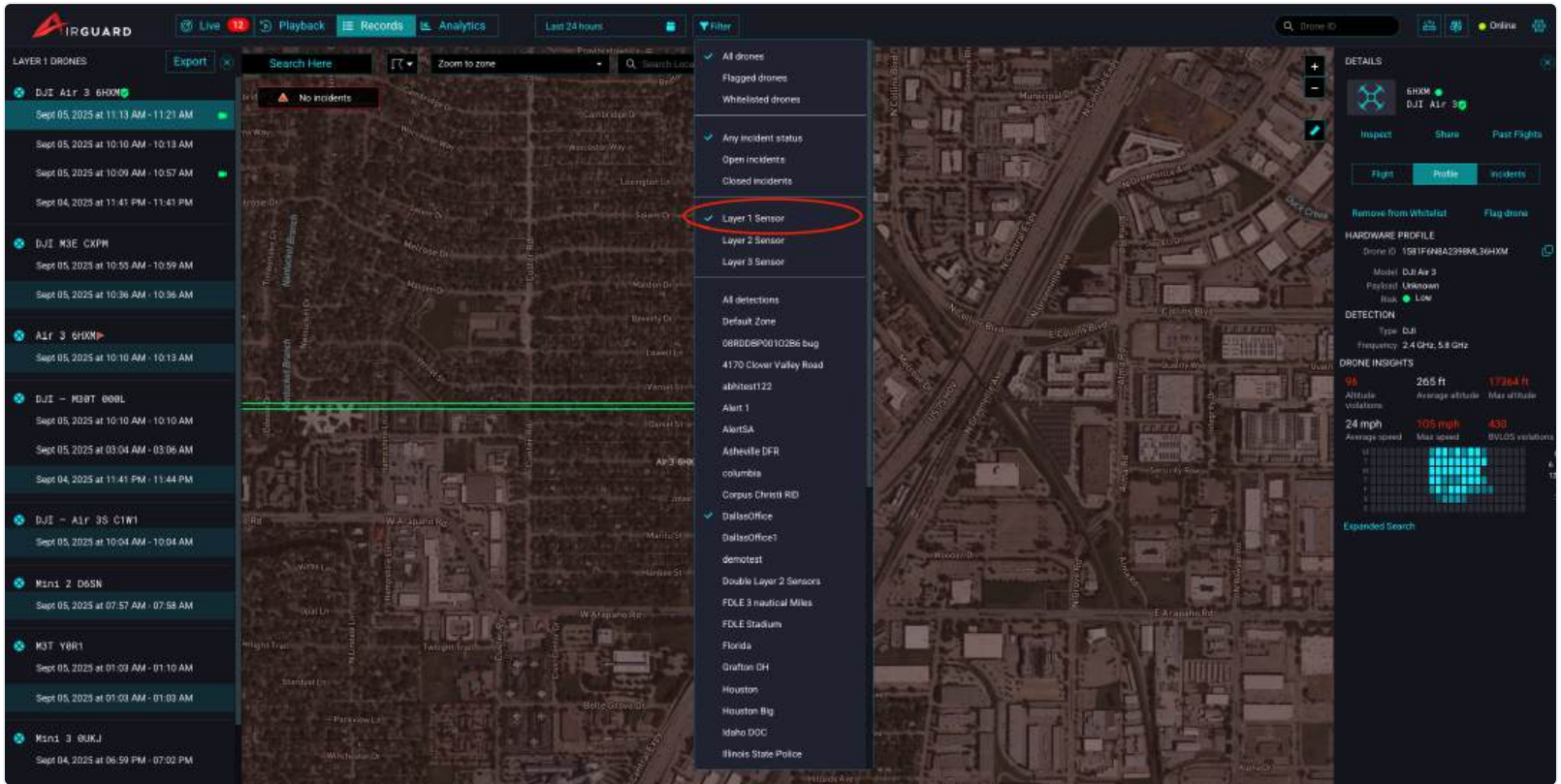
- A solid **camera icon** appears next to a live detection when the Axis PTZ Camera successfully captures photos.
- Icon presence confirms the RID V1 Sensor is paired to an Axis PTZ Camera and that visual confirmation exists.



AirGuard — RECORDS

- RID-to-PTZ flight records appear under **Layer 1 Sensor** filters.

- A **solid camera icon** indicates photos were captured; a hollow icon means no photo evidence was captured.
- Search by **DroneID/RID** to quickly locate historical events.



Availability

- Available to customers with RID V1 Sensor and Axis PTZ Camera modules enabled.

Next Steps

Want to add an **Axis PTZ Camera** to an existing RID V1 Sensor deployment?

Please contact your AirSight sales representative or email support@airsight.com. Camera setup/pairing is performed by **authorized AirSight personnel**.

Known Issue / Constraint

When **radar** and **RID V1** can both cue the same Axis PTZ:

- No **priority/arbitration** policies in current release.

Demo Video:

drive.google.com

https://drive.google.com/file/d/1iQSEaAwajpeb5niF6vxlIkhwqNylaweF/view?usp=drive_link

Bug Fixes

- "Edit" link alignment issue resolved for Hardware Groups under Settings.
- The selected flight details are not getting removed even after the flight detection disappears from the "Just ended" section.
- Download link mail is not received for more than 120 days old flights for specific drone search
- Users are not able to add drones in the whitelist/flagged list.
- Zoom to Zone bug: need to refresh if you manually zoom during the reposition

Need Help?

For questions, feedback, or support, contact the **AirSight Support Team** at [support@airsight.com].