

Email Alerts Directly from an Edge AI Camera

AI Camera Email Notifications with Snapshot

If you are using an **Edge AI camera** without an NVR that natively supports the camera, it is still possible to utilise the camera's AI functionality in **standalone mode**.

Edge AI cameras generate alarm events using **metadata**. Older NVRs may not support metadata-based alarms, meaning they will not log or display AI-generated alarm events. However, these NVRs can still record video streams from the camera.

In this scenario:

- Video is recorded on the NVR as normal
- AI alarm events and snapshots are sent directly by **email**, rather than being logged on the NVR

This guide explains how to configure email alerts directly from an Edge AI camera.

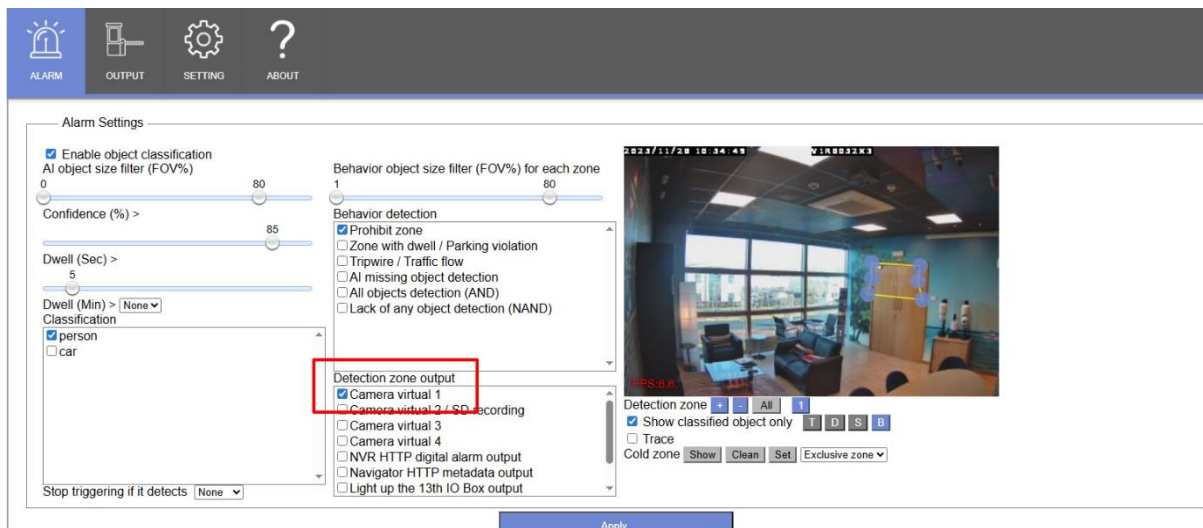
Configuration Steps

1. Configure the AI Plugin

Configure the AI plugin as required for your detection needs.

- Navigate to the **Detection Zone Output** section
- Ensure **Camera Virtual 1** is selected

There are separate guides available that explain how to configure the AI engine in detail.



2. Enable HTTP Notification

- Switch to the **Output** tab
- Tick **Enable HTTP Notification**

Output Settings

Enable HTTP notification

Notification Events

- Camera virtual 1
- Camera virtual 2 / SD recording
- Camera virtual 3
- Camera virtual 4
- NVR HTTP digital alarm output
- Navigator HTTP metadata output
- Light up the 13th IO Box output
- Light down the 13th IO Box output
- Go to PTZ preset

Verify Clean

Enable heartbeat

Dwell (Min) >= 10

Heartbeat output None

Protocol HTTP Method GET

Event name Camera virtual 1

Host IP localhost Host port 80 Timeout(<=60) 60

URL /control?virtual_input0=1

Username admin

Content-Type multipart/form-data

i If the event name gets a new one, any setting about the old event name will be clear.

i The special characters, ,, and space, are not supported for the username and password.

Apply

Create SmartEvent

3. Create Smart Events

- Scroll to the bottom of the **Output** tab
- Click **Create Smart Events**

Output Settings

Enable HTTP notification

Notification Events

- Camera virtual 1
- Camera virtual 2 / SD recording
- Camera virtual 3
- Camera virtual 4
- NVR HTTP digital alarm output
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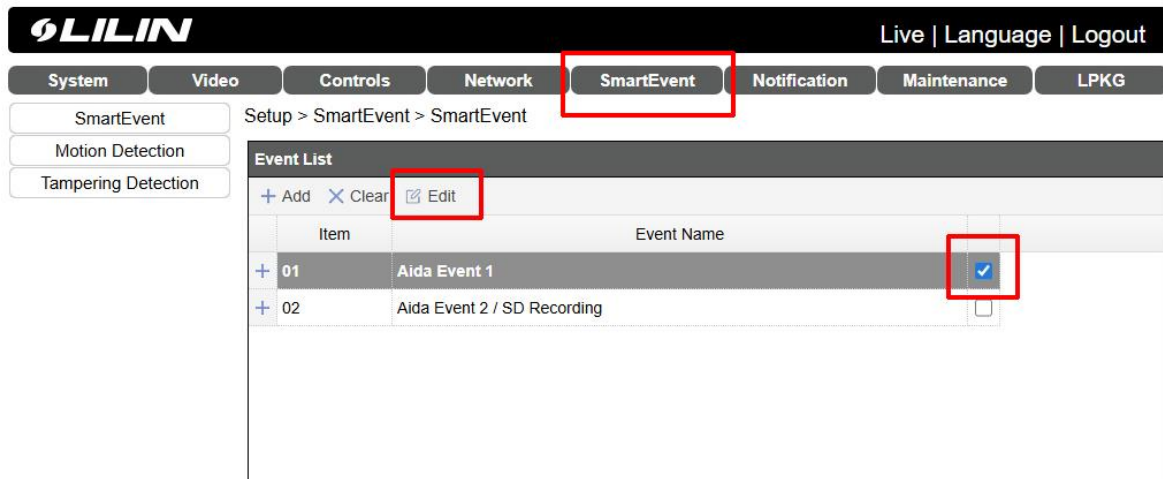
i The special characters, ,, and space, are not supported for the username and password.

Apply

Create SmartEvent

4. Edit Smart Event Configuration

- Return to the **Camera Menu**
- Select **Smart Event**
- Tick **Aida Event 1**
- Click **Edit**



The screenshot displays the LILIN web interface. At the top, the LILIN logo is on the left, and 'Live | Language | Logout' is on the right. Below this is a navigation bar with tabs for System, Video, Controls, Network, SmartEvent, Notification, Maintenance, and LPKG. The 'SmartEvent' tab is selected and highlighted with a red box. Below the navigation bar, there are three sub-menus: SmartEvent, Motion Detection, and Tampering Detection. The main content area shows the breadcrumb 'Setup > SmartEvent > SmartEvent' and an 'Event List' table. The table has columns for 'Item' and 'Event Name'. The first row is '01 Aida Event 1' and the second is '02 Aida Event 2 / SD Recording'. The 'Aida Event 1' row has a checked checkbox, which is highlighted with a red box. Above the table, there are buttons for '+ Add', 'X Clear', and 'Edit', with the 'Edit' button also highlighted with a red box.

Item	Event Name
+ 01	Aida Event 1
+ 02	Aida Event 2 / SD Recording

5. Configure Trigger and Action Rules

This step defines how the AI plugin triggers an alarm and sends an email.

Trigger Settings

- Under **Trigger**, select **Virtual Input**
- Ensure **Virtual Input #1** is ticked

Condition Name: Close Virtual 1

Trigger: Virtual Input

Enable	Trigger	Operator	Value	Duration
<input checked="" type="checkbox"/>	Virtual Input #1	=	1	0 Sec.
<input type="checkbox"/>	Virtual Input #2	=	1 or 0	0 Sec.
<input type="checkbox"/>	Virtual Input #3	=	1 or 0	0 Sec.

Action Settings

- Switch to the **Action** tab
- Click **Edit** on **SMTP Service**
- On the SMTP screen, click **Add**

LILIN Live | Language | Logout

System Video Controls Network SmartEvent Notification Maintenance LPKG

SmartEvent Motion Detection Tampering Detection

Setup > SmartEvent > SmartEvent

Enable Event 1

Event Name

Condition 1 Condition 2 Condition 3 Condition 4 Condition 5

Condition Name

Trigger Schedule Action

(Current number/Maximum number of Action Rule is 1/10)

FTP Service, Rule Number :0	Edit
SMTP Service, Rule Number :0	Edit
Push Service Setting, Rule Number :0	Edit
HTTP POST Service, Rule Number :0	Edit
Global Counter, Rule Number :0	Edit
Virtual Input, Rule Number :1	Edit
SD Card Service, Rule Number :0	Edit
SAMBA Service, Rule Number :0	Edit

Save the event. Cancel

LILIN Live | Language | Logout

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SmartEvent Motion Detection Tampering Detection

Setup > SmartEvent > SmartEvent

Enable Event 1

Event Name

Condition 1 Condition 2 Condition 3 Condition 4 Condition 5

Condition Name

Trigger Schedule Action

SMTP **Add** Delete Back

This will add the SMTP action to the event.

Click **Back** to return to the Smart Event menu.

Confirm there is a “1” displayed next to Virtual Input

(Current number/Maximum number of Action Rule is 2/10)

FTP Service, Rule Number :0	Edit
SMTP Service, Rule Number :1	Edit
Push Service Setting, Rule Number :0	Edit
HTTP POST Service, Rule Number :0	Edit
Global Counter, Rule Number :0	Edit
Virtual Input, Rule Number :1	Edit
SD Card Service, Rule Number :0	Edit
SAMBA Service, Rule Number :0	Edit

Without this setting, the alarm will only trigger once because the virtual input is disabled after activation.

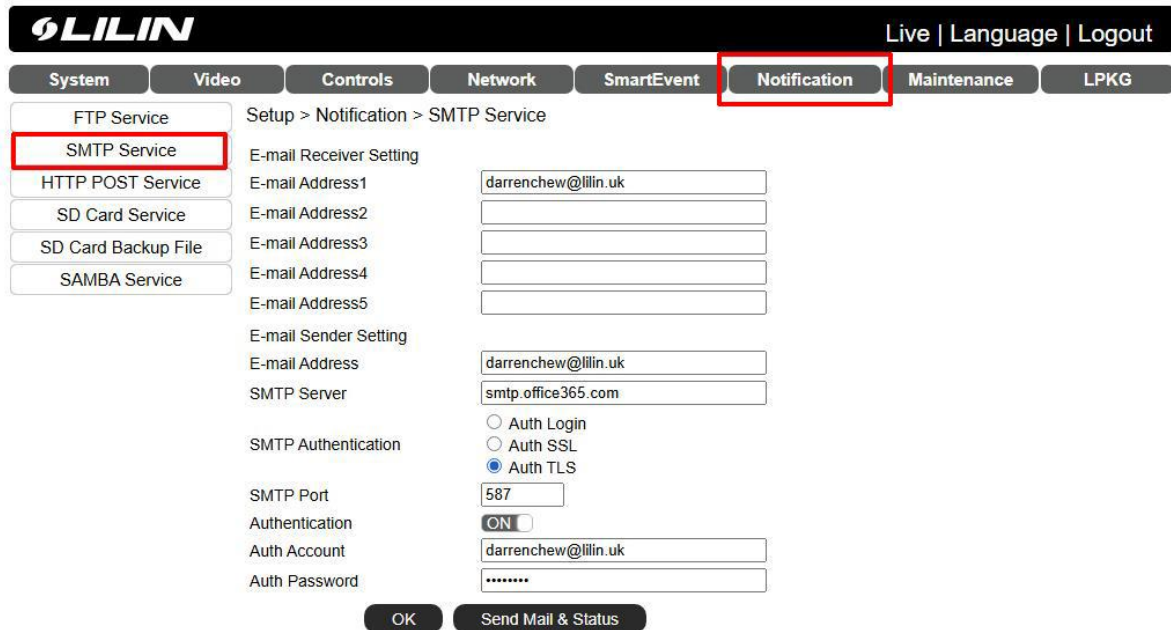
- Click **Save the Event**

6. Configure SMTP Email Settings

- Stay in the **Camera Menu**
- Select **Notification** from the top menu bar

Enter the SMTP details for the email account that will send the alarm notifications.

Below is an example of a correctly completed SMTP configuration.



The screenshot shows the LILIN web interface with the 'Notification' menu item highlighted in red. The breadcrumb path is 'Setup > Notification > SMTP Service'. The configuration fields are as follows:

Field	Value
E-mail Receiver Setting	
E-mail Address1	darrenchew@lilin.uk
E-mail Address2	
E-mail Address3	
E-mail Address4	
E-mail Address5	
E-mail Sender Setting	
E-mail Address	darrenchew@lilin.uk
SMTP Server	smtp.office365.com
SMTP Authentication	<input checked="" type="radio"/> Auth Login <input type="radio"/> Auth SSL <input checked="" type="radio"/> Auth TLS
SMTP Port	587
Authentication	<input checked="" type="checkbox"/> ON
Auth Account	darrenchew@lilin.uk
Auth Password	*****

Buttons: OK, Send Mail & Status

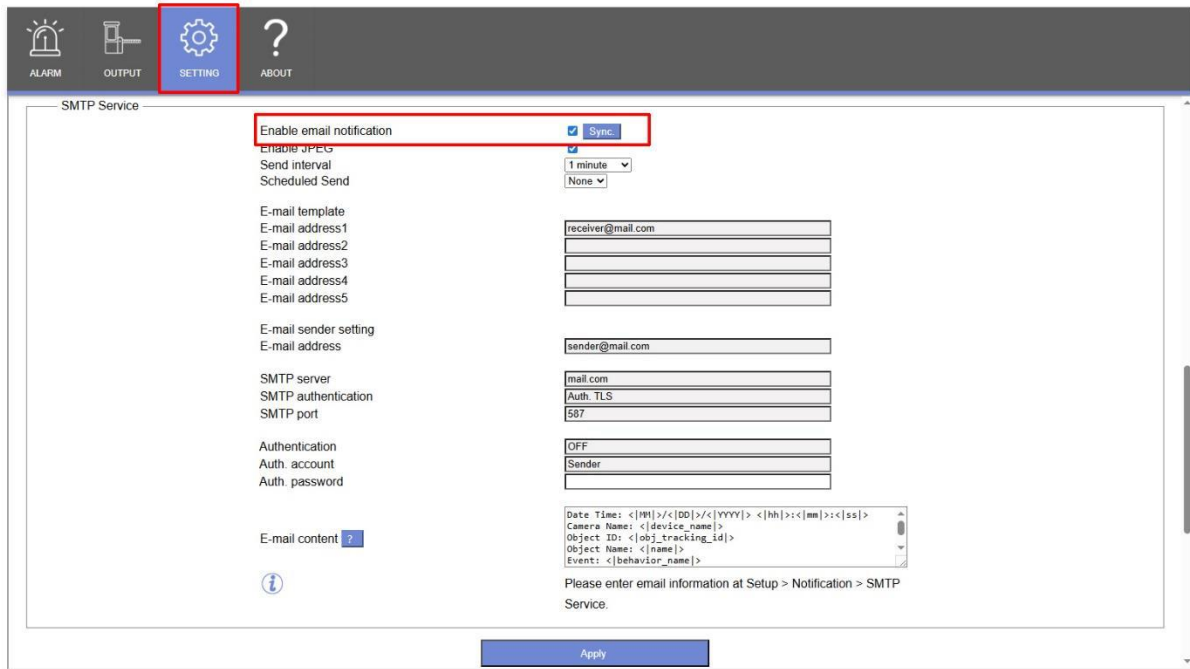
7. Sync SMTP Settings with the AI Plugin

- Return to the **AI Plugin**
- Select **Settings** from the top menu
- Scroll to the **SMTP** section

Actions:

- Tick **Enable Email Notification**
- Click **Sync**

This will automatically import the SMTP details configured in the camera menu.



8. Test Email Alerts

Trigger an alarm event to confirm emails are being sent correctly.

Below is an example of the email alert you will receive, including a snapshot.

