



How to use intercom function of alarm sounder in HCP

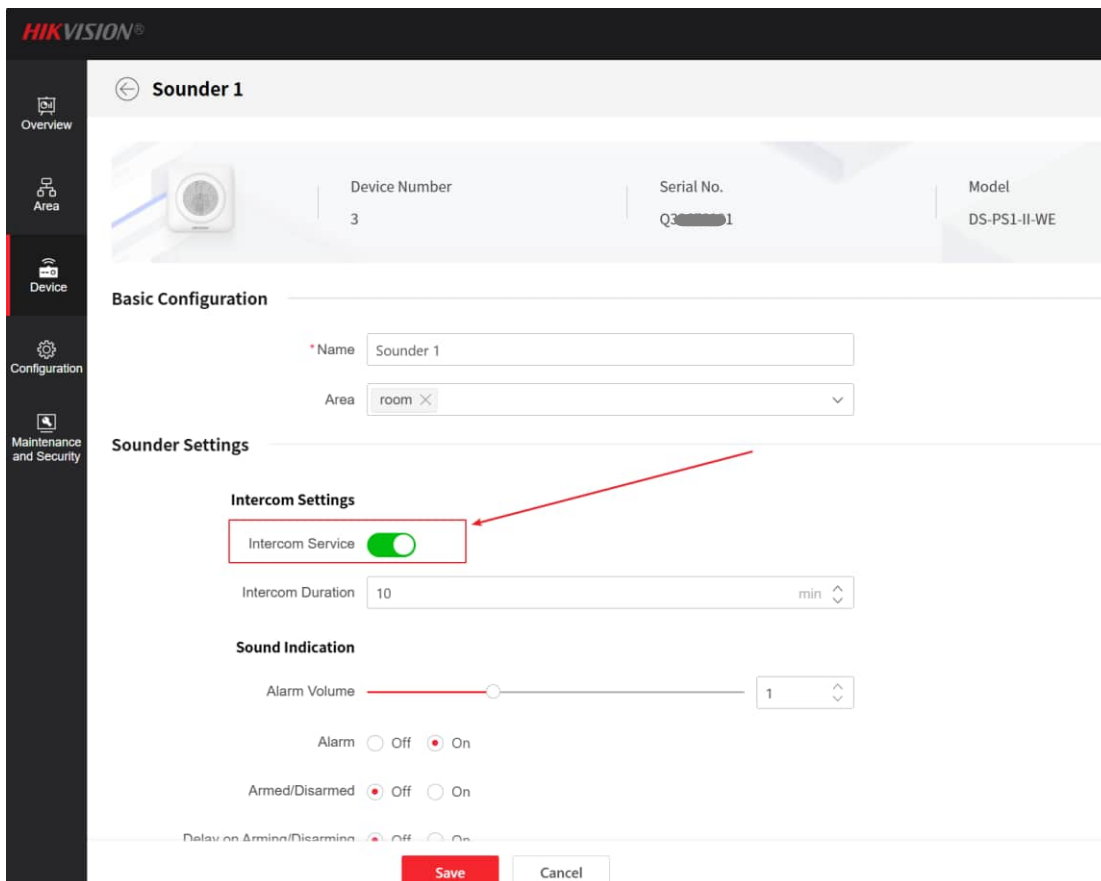
Title:	How to use intercom function of alarm sounder in HCP	Version:	V1.3.0 build 250430	Date:	20/6/2025
Product:	Alarm panel: DS-PWA96-M-WE, Sounder: DS-PS1-II-WE			Page:	1 of 7

Preparation

Please upgrade the firmware of alarm panel to V1.2.9 or above in advance.

How to use intercom function of alarm sounder in HCP

1. Add a sounder to the alarm panel and turn on the sounder's intercom function. (The sounder need to support two-way talk.)
 - 1) Enter device's web, **【Device】** → **【Add Device】** → **【Manually Add Wireless Device】** , Device Type choose Sounder.
 - 2) Enter sounder's configuration, enable the “Intercom Service”.



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2. Add the alarm panel to HCP via ISUP protocol.

1) Enter device's web. **【Configuration】** → **【Alarm Communication】** → **【Alarm Receiving Center】**, click “Enable” and fill in the information of HCP.

The Protocol Type is “ISUP”;

The Server Address is the address of HCP;

The Port can be 7660 by default;

The Device ID and Password are any authentication you set up and will be used when the HCP adds the device.

The screenshot shows the 'Alarm Receiving Center' configuration page in the HIKVISION web interface. The page is titled 'Alarm Receiving Center' and features a sidebar with navigation options: Overview, Area, Device, Configuration (selected), and Maintenance and Security. The main content area includes the following settings:

- Alarm Receiving Center:** 1 (selected), 2
- Enable:**
- Registration Status:** ✔ Online
- Connection Type:** Serial Port IP
- Protocol Type:** ISUP (dropdown menu)
- Connection Mode:** TCP UDP
- Communication Channel:**

Network Type	Enable
Ethernet	<input checked="" type="checkbox"/>
Wi-Fi	<input checked="" type="checkbox"/>
Cellular	<input checked="" type="checkbox"/>
- ISUP Protocol Version:** v5.0
- Server Address Type:** Domain Name IP
- Server Address:** 10.9.96.154
- Port:** 7660
- Device ID:** 12345678
- Password:** *****

At the bottom of the page, there are two buttons: **Save** (red) and **Manual Test** (white).

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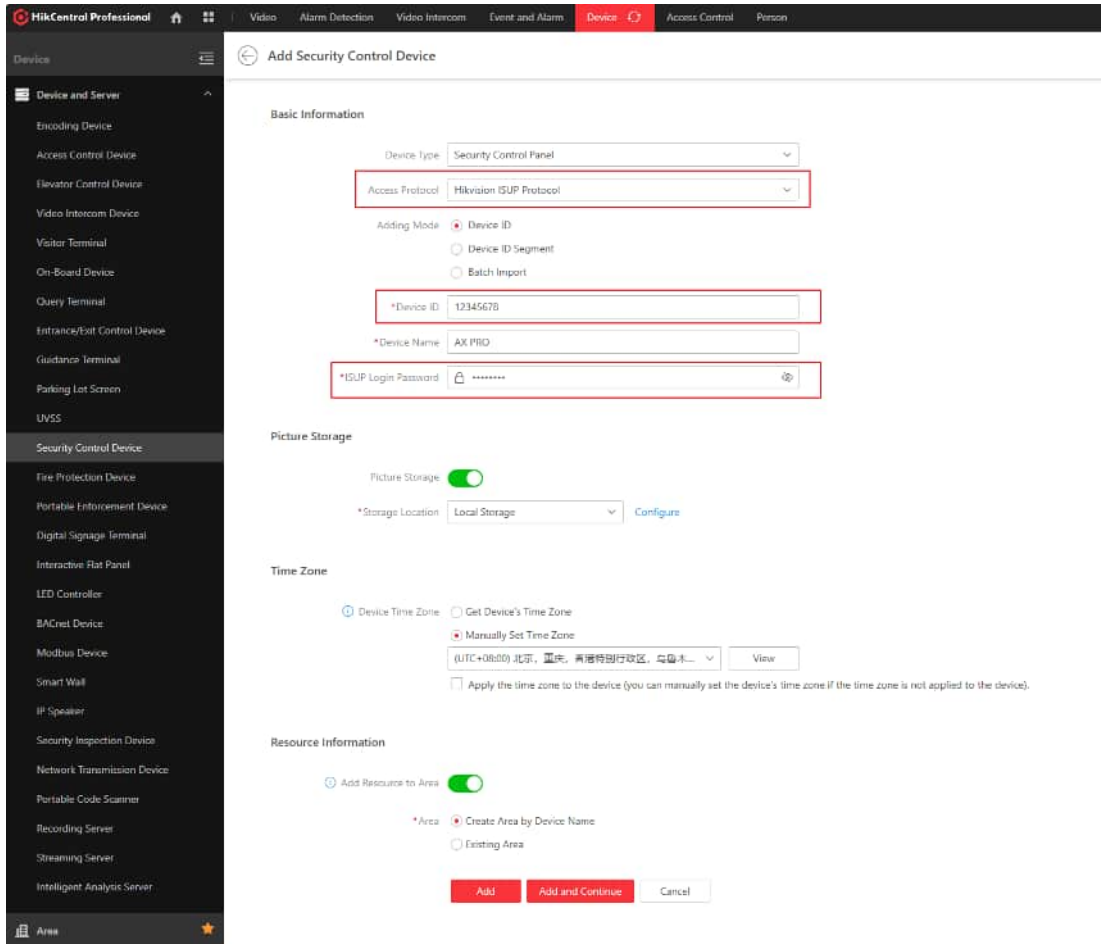
2) Enter HCP's web, add Security Control Device.

Access Protocol is "Hikvision ISUP Protocol";

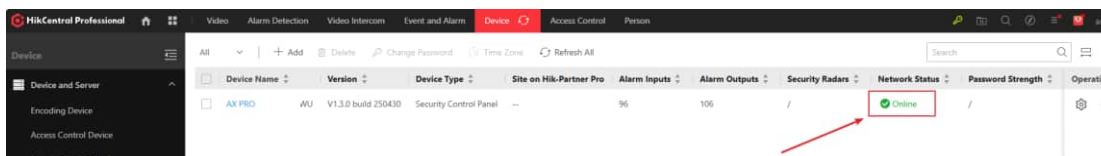
Device ID and ISUP Login Password are same as "Device ID" and "Password" in device's Alarm Receiving Center configuration.

Device Name is as you like.

Picture Storage need be enabled.



3) After configured AX PRO will online in HCP.

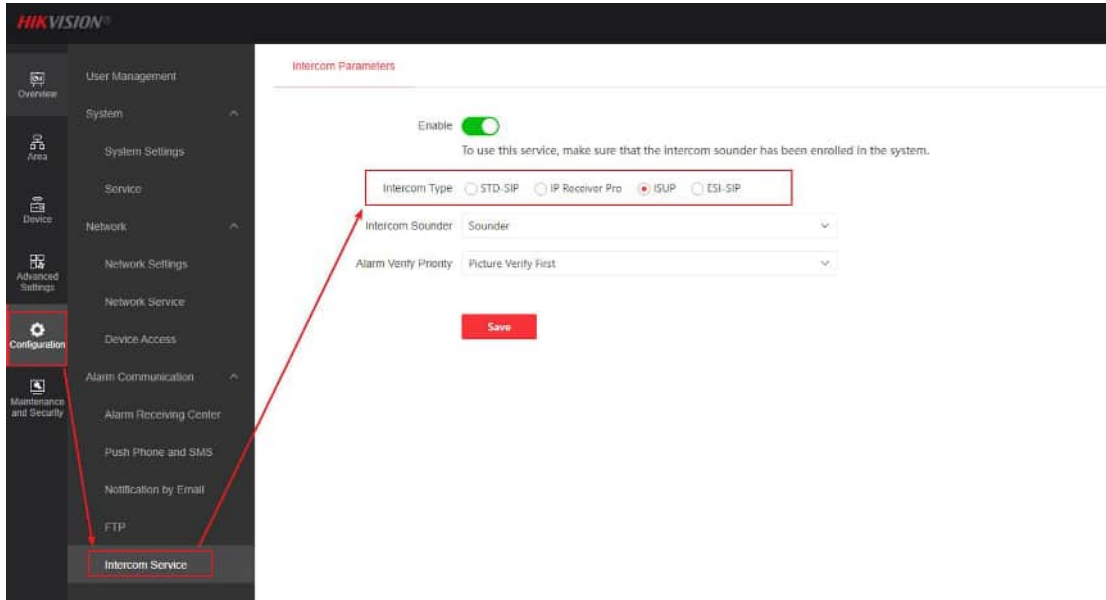


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3. Configure Intercom Service Type of the sounder as ISUP

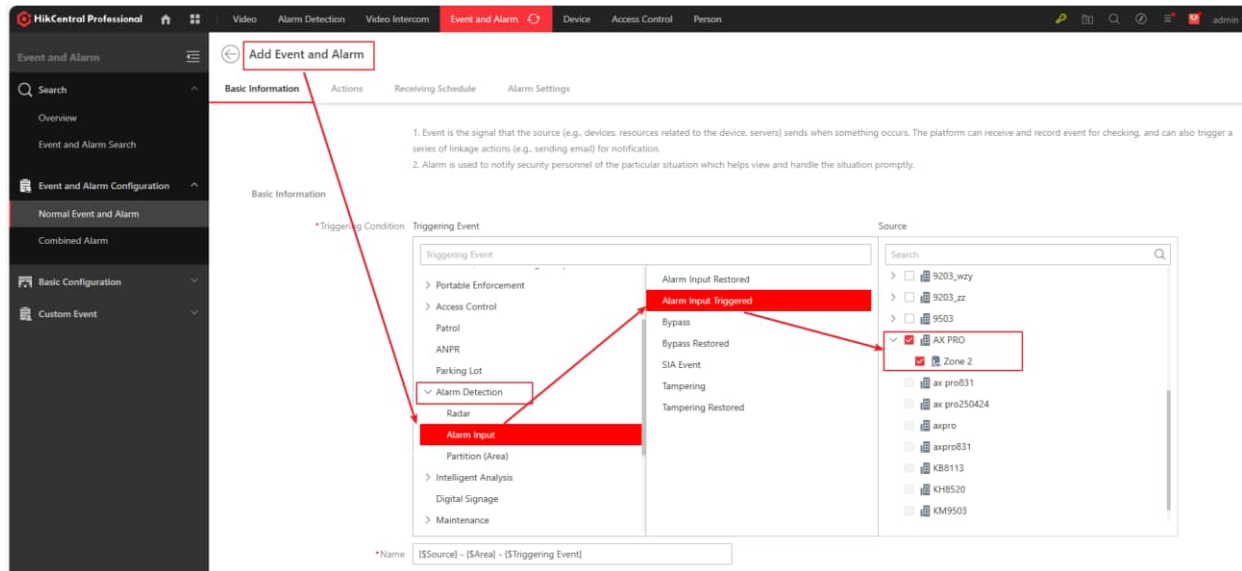
Enter device's web, **【Configuration】** → **【Intercom Service】** → **【Intercom Parameters】**, Click "Enable".

There are four types of intercom sounder, we choose ISUP cause device connecting to ARC (HCP) via ISUP.



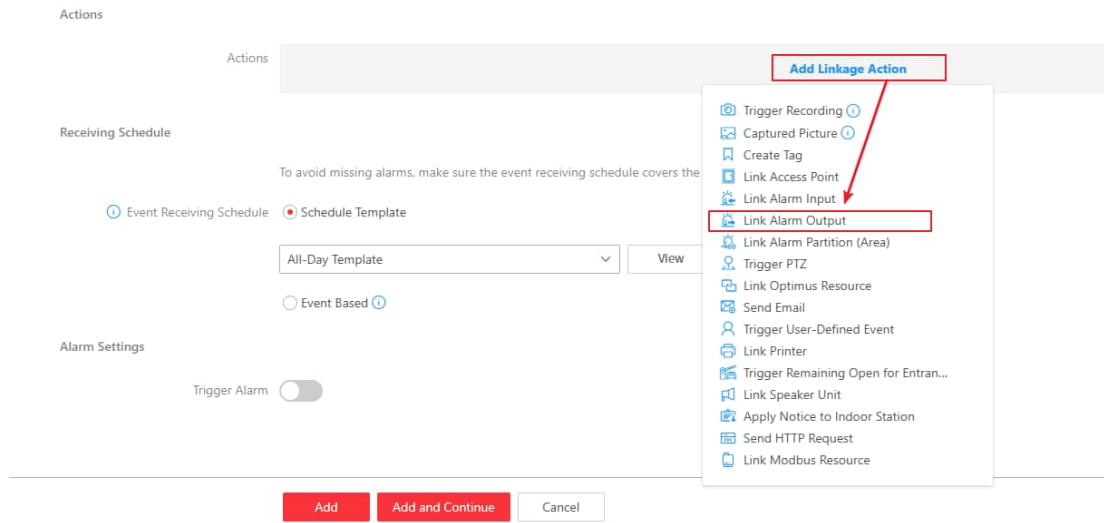
4. Configure HCP events and link alarm output.

1) Enter HCP's web, **【Event and Alarm】** → **【Event and Alarm Configuration】** → **【Normal Event and Alarm】** → **【Add】**. For "Triggering Event", we need choose **【Alarm Detection】** → **【Alarm Input】** → **【Alarm Input Triggered】**, check the device and zones.

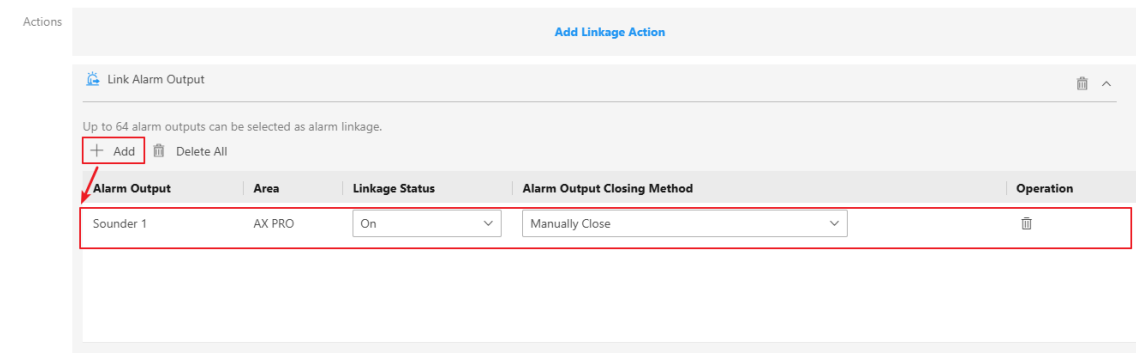


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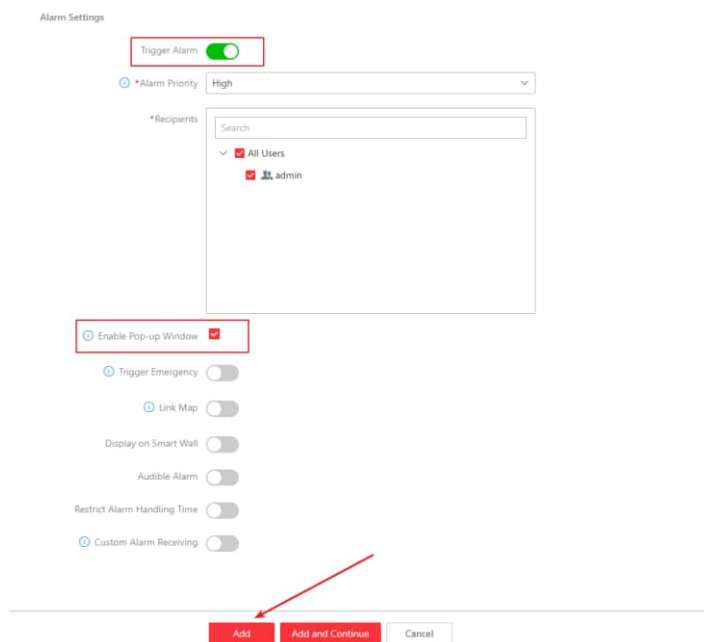
2) For “Actions”, Click **【Add Linkage Action】** → **【Link Alarm Output】** , link the sounder to the triggered event.



3) Click “Add”, select the sounder and configure the Linkage Status and Alarm Output Closing Method.

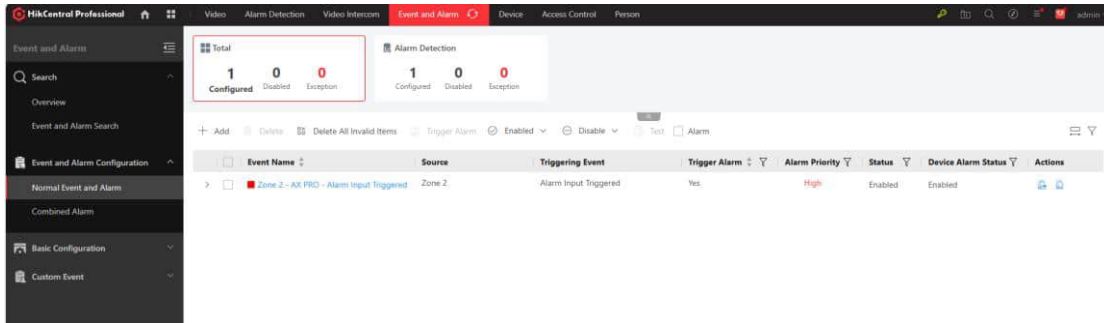


4) Check the “Trigger Alarm” and “Enable Pop-up Window”. Click “Add”.



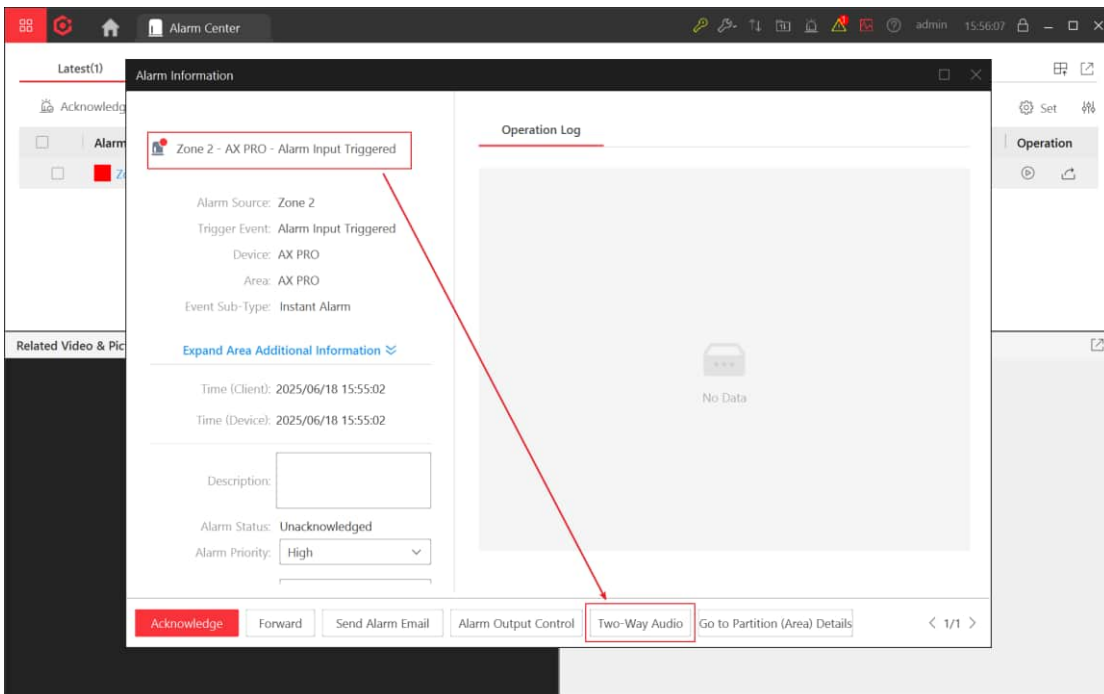
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5) There will be a configured event in the event list.



5. When the HCP Control Client receives the alarm information, you can choose Two-Way Audio. The DS-PS1-II-WE sounder is a half-duplex sounder, which only supports one-way intercom at the same time.

You can manually switch the talking or listening modes during the intercom.



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Listen mode:

The screenshot displays the 'Alarm Information' interface. The main panel shows details for 'Zone 2 - AX PRO - Alarm Input Triggered', including 'Alarm Source: Zone 2', 'Device: AX PRO', and 'Alarm Status: Unacknowledged'. A 'Two-Way Audio' window is open, featuring a red bar graph, a 'Countdown' timer at 00:05:41, and a 'Listen' button. The bottom navigation bar includes buttons for 'Acknowledge', 'Forward', 'Send Alarm Email', 'Alarm Output Control', 'Two-Way Audio', and 'Go to Partition (Area) Details'.

Talk mode:

The screenshot displays the 'Alarm Information' interface in 'Talk mode'. The main panel shows the same alarm details as the Listen mode screenshot. The 'Two-Way Audio' window is open, showing a red bar graph, a 'Countdown' timer at 00:04:53, and a 'Talk' button. The bottom navigation bar remains the same.



See Far, Go Further