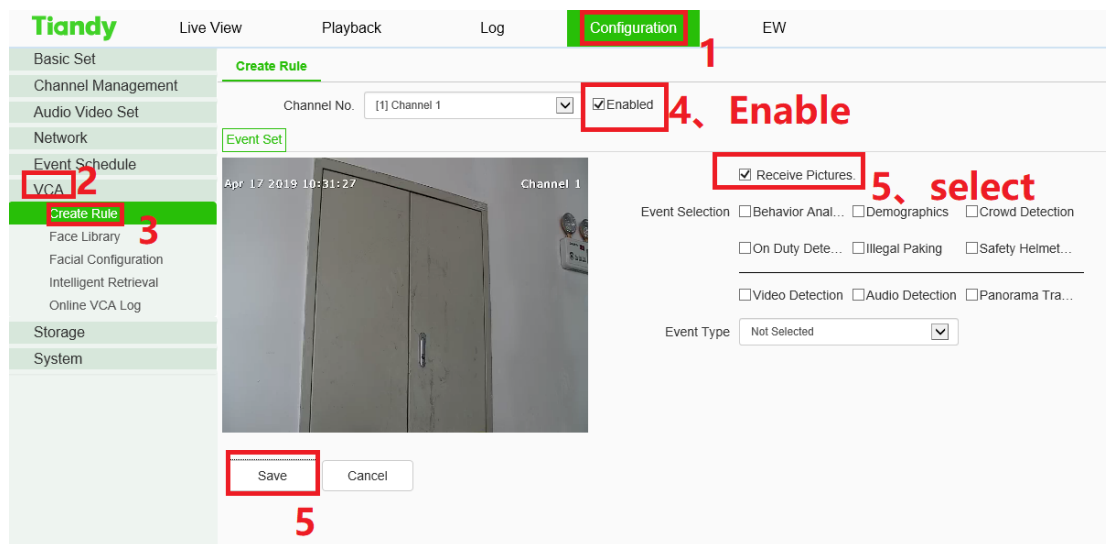


Face Recognition NVR Instruction (IE operation)

-VCA Setting

1. Create Rule: VCA-Create Rule



Tips:

Different cameras may have difference, but only you need to choose“Receive Pictures”

2. Create Face Library:

1. Add Face Library:

The screenshot shows the Tiandy NVR Configuration interface. The top navigation bar includes 'Live View', 'Playback', 'Log', 'Configuration' (highlighted with a red box and number 1), and 'EW'. The left sidebar contains various configuration categories: 'Basic Set', 'Channel Management', 'Audio Video Set', 'Network', 'Event Schedule', 'VCA' (highlighted with a red box and number 2), 'Face Library' (highlighted with a red box and number 3), 'Facial Configuration', 'Intelligent Retrieval', 'Online VCA Log', 'Storage', and 'System'. The main content area is titled 'Management Of Face Library' and 'Face Library Management'. It contains a table with columns: 'No.', 'Title Name', 'Edit', 'Import', 'Export', and 'Synchronize to front...'. The table has two rows of data. Below the table, there are buttons for 'Add' (highlighted with a red box and number 5), 'Remove', and 'Model all', along with a checkbox for 'Enable authentication'. At the bottom right, status information is displayed: 'Library: 2/32', 'The original picture: 4827/10000', and 'Number of modeled: 4826'. A red number 4 is placed over the 'Title Name' column header.

No.	Title Name	Edit	Import	Export	Synchronize to front...
1	gsssss	Edit	Import	Export	Synchronize to fron...
2	5000	Edit	Import	Export	Synchronize to fron...

Buttons: Add, Remove, Model all, ☐ Enable authentication

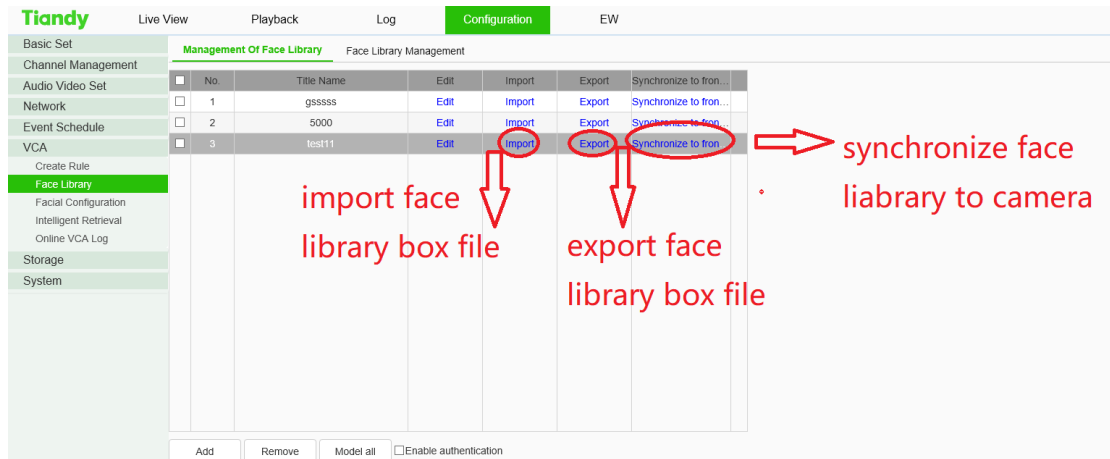
Library: 2/32 The original picture: 4827/10000 Number of modeled: 4826

The screenshot shows the 'Add' dialog box in the Tiandy NVR Configuration interface. The dialog has a title bar with 'Add' and a close button. It contains two input fields: 'Title Name' (highlighted with a red box and number 1) and 'Describe'. Below the 'Describe' field is a large text area. At the bottom right of the dialog is a 'Confirm' button (highlighted with a red box and number 2). Red text '1、add the face library name' is overlaid on the dialog.

1、add the face library name

2 Confirm

2、Afterward, you can do edit, import and export.

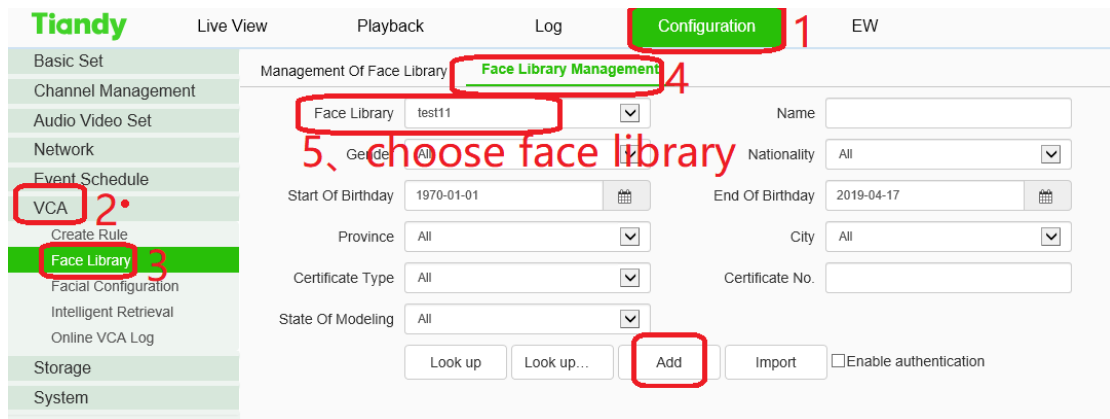


Tips:

- (1) Import box file which got from another NVR, the box file contain face information. If you not get a box file, add face library as the next step.
- (2) Exporting box file only can be used by another NVR which can't be edited.

3. Add face pictures

- 1、Choose face library you add, and then add pictures in the face library:



- 2、Way1: click Add and complete the information:

1、add pictures

2、input name

3、information

3、way2: You can also import pictures through batch mode;

1

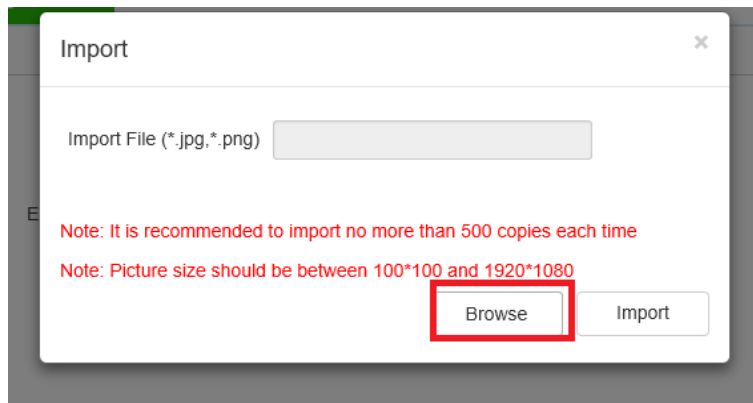
2

3

4

5

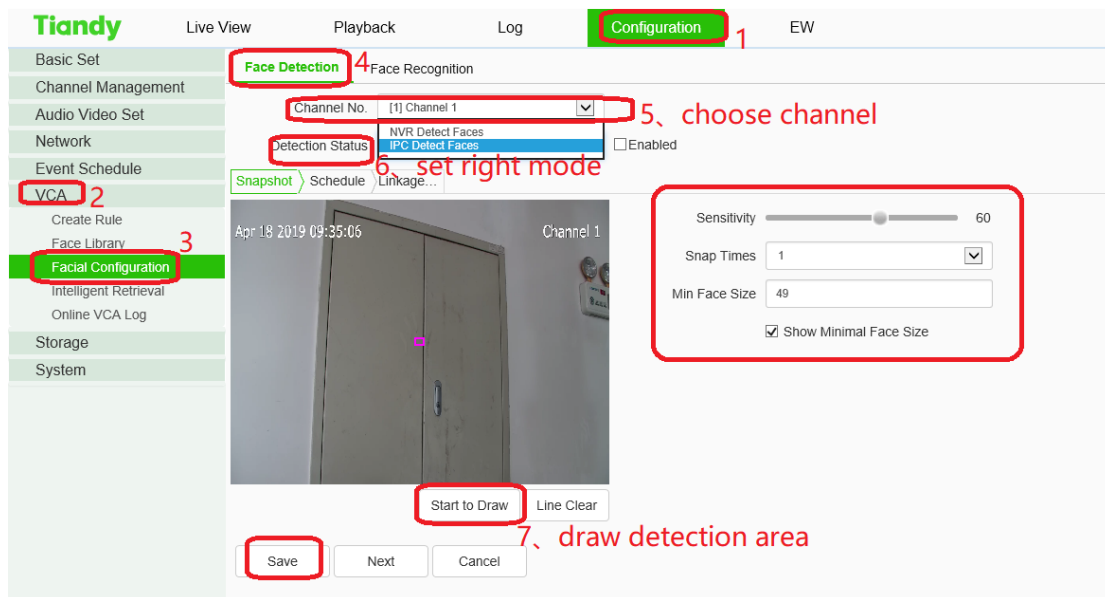
6



Tips: If the photo is not exactly right, it will give failed information which results to the failed import.

4. Face Detection

1、Facial Configuration—Face detection:



Tips:

(1) Using normal cameras , it will only be shown " NVR Detect Faces";

Using face detection cameras, it will be shown both "NVR Detect Faces" and "IPC Detect Faces";

Using face recognition cameras, it will only be shown "IPC Detect Faces";

(2) When you choose "IPC Detect Faces", when drawing the area, you can

draw detection area; when you choose "NVR Detect Faces", it will not show the drawing area, as it contains all video box, default will work;

(3) There will be a little difference in setting between "NVR Detect Faces" and "IPC Detect Faces";

2、click Save and Next, set schedule; Note that the default setting is 24 hours.

The screenshot shows the 'Face Detection' configuration page. The 'Schedule' tab is selected, displaying a 24-hour schedule for all days of the week (Mon-Sun). The 'Save' and 'Next' buttons are highlighted with red boxes.

3、Click Save and Next, set linkage mode;

The screenshot shows the 'Linkage' configuration page. The 'Linkage...' tab is selected, displaying various linkage options. The 'Save' button is highlighted with a red box.

set the linkage you want do

OSD: When the face is detected, the UI live view will show the red bell;

Send Email needs NVR be connected to the internet;

Pic One: When the face is detected, it will turn to one screen showing;

Plan: it will show customized text in the lower right corner of screen;

5. Face Recognition

- 1) **Alarm of discerning:** when a face is found in the face library, the alarm will be triggered.

1, choose right channel

2, enable recognition

3

4, choose face library and set link next step

5, set link

6

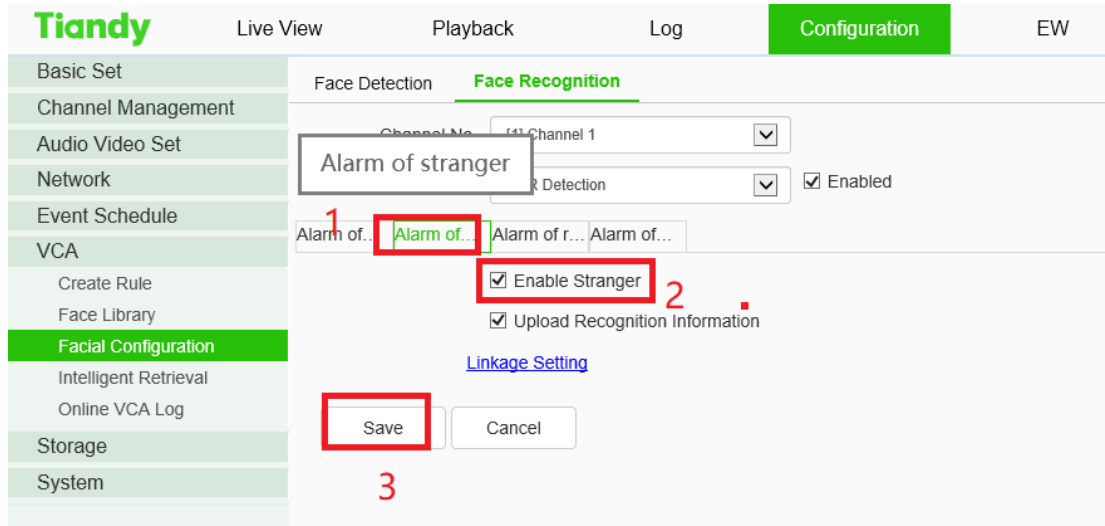
No.	Name Of Face Library	Operation
1	gsssss	Setting Of Alarm Setting Link
2	5000	Setting Of Alarm Setting Link
3	test11	Setting Of Alarm Setting Link

Tips:

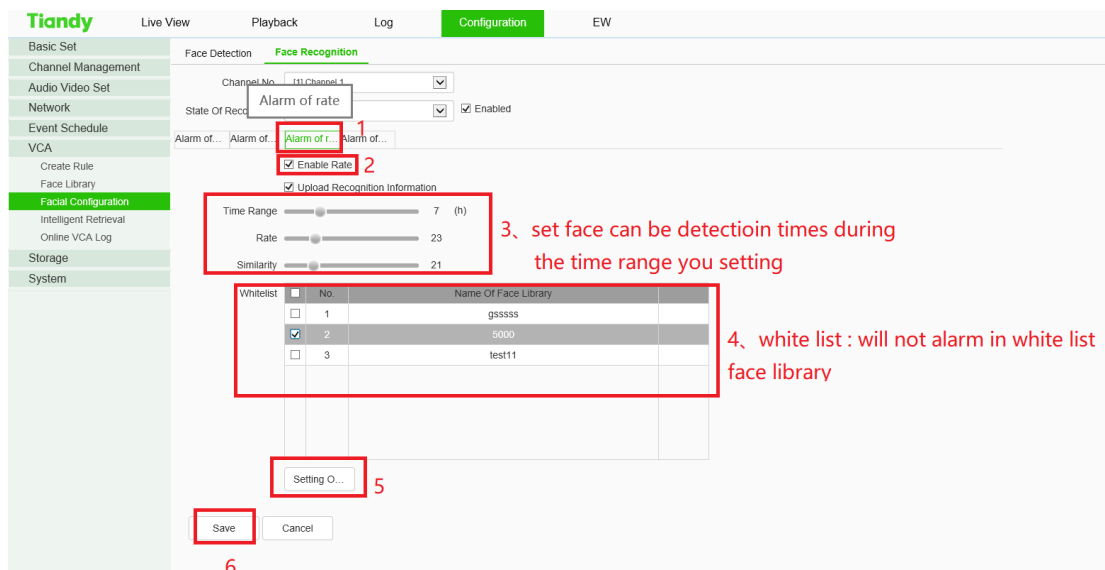
1、Using face recognition camera, you can choose "IPC detection".

2、“Upload Recognition Information” means upload information to the face server (the default setting will be ok);

- 2) **Alarm of stranger:** it will be triggered if the detected face is not in the face library.



2) **Alarm of rate:** it will be triggered if the recognized face rate be more than that you set.



3) **Alarm of detention:** it will be triggered when the face stay time is more than that you set.

Face Recognition

Channel No. [1] Channel 1

State Of Recognition [Alarm of detention] ☒ Enabled

Alarm of... Alarm of... Alarm of r... **Alarm of...** 1

☐ Enable Detention 2

☒ Upload Recognition Information

Duration Of Detention [Slider] 0 [Seco] 3、 set how long the a face can stay

Similarity [Slider] 0

Whitelist	No.	Name Of Face Library
<input type="checkbox"/>	1	gsssss
<input checked="" type="checkbox"/>	2	5000
<input type="checkbox"/>	3	test11

4、 white list face library will not alarm

Setting O... 5

6

Tips:

- (1) If you set a same link in face detection and face recognition, the face detection link will be disabled;
- (2) Face recognition will be only shown in the NVR GUI.