

# **Network Keyboard PTZKB836**

## **Quick Operation Guide**

## Preventive and Cautionary Tips

Before connecting and operating your keyboard, please be advised of the following tips:

- Ensure unit is placed in a well-ventilated, dust-free environment.
- Keep all liquids away from the keyboard.
- Please check the power supply to avoid the damage caused by voltage mismatch.
- Please make sure the keyboard work in the allowed range of temperature and humidity.
- Please keep the device horizontal and avoid the installation under severe vibration environment.
- The dust board will cause a short circuit after damping; Please use the brush to dedust regularly for the board, connector, chassis fan, etc.
- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.

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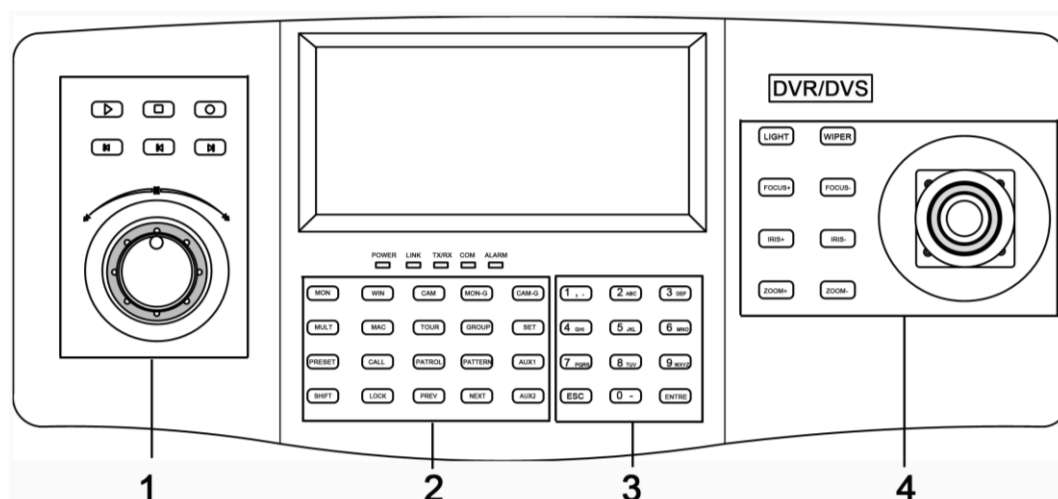
# Chapter 1 Introduction

## 1.1 Overview

PTZKB836 Network Keyboard can be used to control the camera/speed dome, display of decoded video on TV wall, control of matrix, as well as support 1 channel of video view at up to 1080P resolution. Designed with touch screen, it is easy to operate and configure settings.

## 1.2 Appearance

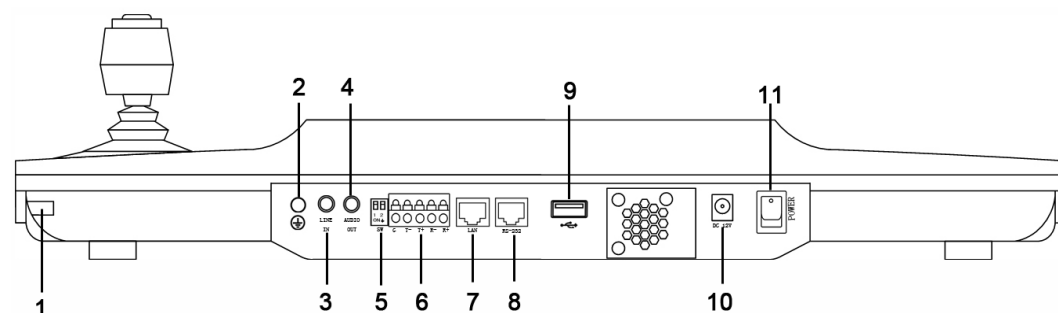
Front View:



Description of panel:

Serial No.	Description	Serial No.	Description
1	Record playback	2	Functional buttons
3	Numeric buttons	4	PTZ control area

Interface Description:

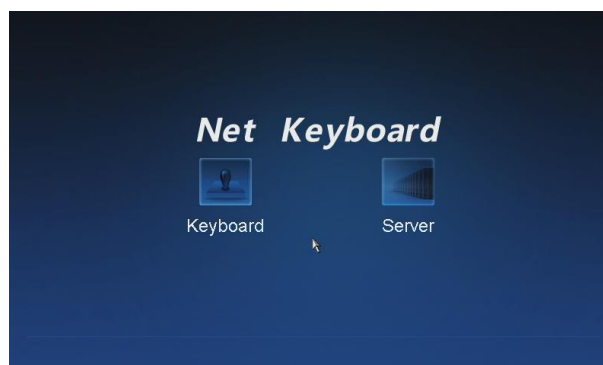


Serial No.	Description	Serial No.	Description
1	Touch pen	2	GND
3	Line In	4	Audio Out
5	Reserved	6	RS-485 Interface
7	LAN	8	RS-232 Interface
9	USB Interface	10	12V DC Power Supply
11	Power On/Off		

## Chapter 2 Quick Configuration Guide

### Steps:

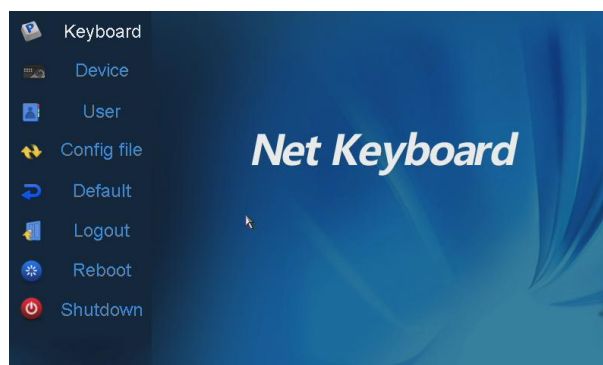
1. When the keyboard has started up, it enters the following interface:



2. For basic keyboard operation, select the **Keyboard** icon to continue and enter the login interface.



3. Select **admin** on the login interface and then input the admin password (default: 12345) to enter the admin interface of keyboard operation.



4. Click **Keyboard > Network** to enter the Network Settings interface.  
Configure the network settings of the keyboard, including the **Port**, **IP address**, **Subnet Mask**, **Default Gateway**, **Primary DNS** and **Secondary DNS**. Click **Apply** to save the settings.

5. Click **Return** to back to the main interface.
6. Click **Device** on the **admin** main interface to enter the device management menu.
7. Click **Add Device** to enter the **Device-Add Device** interface. Input the device name, device IP/domain name, port, user name and password, and then click **Add** to add the device.

8. Return to the **Device-Device List** interface, and the successfully added device is shown on the list. Click **Return** to back to the main interface.

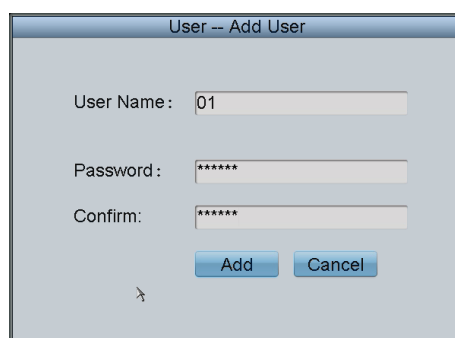
Device Type	Device Name	IP/Domain	Port	Status	Edit
Unknown		172.6.23.61	8000	Offline	
DVR	LTN8832	172.9.16.105	8000	Online	
DEC	6408hd-t	172.6.22.190	8000	Online	
IP Camera	ipdome	172.6.21.164	8000	Online	
Unknown		172.6.22.119	8000	Offline	

Total 5 items    Page 1/1    To 1/1    P

9. Click **User** on the main interface to enter the **User-User List** interface.

User Name	Device	Edit	Login	Delete
admin				
op1				

10. In the User List interface, click **Add User** to enter the **Add User** interface. Input the user name, password and verify the password. Finally, click **Add** to finish the adding of user.



User -- Add User

User Name: 01

Password: \*\*\*\*\*

Confirm: \*\*\*\*\*

Add Cancel

11. Return to the User List interface, and click  of the selected user to enter the **User-Device** interface.



User -- Device

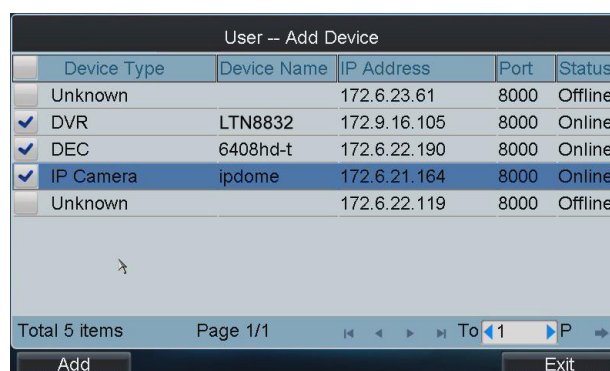
01 Add Device

Device Type	Device Name	IP Address	Port	Status	Delete

Total 0 items Page 1/1 To 1 P

Logout Return

12. Click **Add Device** to enter the **User-Add Device** interface. Select the device by clicking the checkbox, and click **Add** to add the device for the current user.




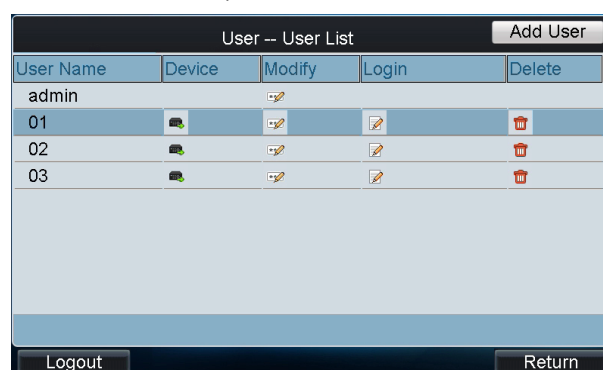
User -- Add Device

Device Type	Device Name	IP Address	Port	Status
<input type="checkbox"/>	Unknown	172.6.23.61	8000	Offline
<input checked="" type="checkbox"/>	DVR	LTN8832	172.9.16.105	8000 Online
<input checked="" type="checkbox"/>	DEC	6408hd-t	172.6.22.190	8000 Online
<input checked="" type="checkbox"/>	IP Camera	ipdome	172.6.21.164	8000 Online
<input type="checkbox"/>	Unknown	172.6.22.119	8000	Offline














Total 5 items Page 1/1 To 1 P

Add Exit

13. The added device (s) for the current user can be displayed on the **User List** interface.
14. You can directly click the  (Login) icon of a user to switch its operating interface.
- Or you can click **Logout** on the **admin** main interface, the message box "Logout Now?" will pop up. Click **Yes** to confirm the logout, or **No** to cancel the operation.



User -- User List Add User

User Name	Device	Modify	Login	Delete
admin				
01				
02				
03				

Logout Return



## Chapter 3 Operation Guide

**Note:** The keyboard operation must be done by the *operator* user account.

**Steps:**

1. On the **User Login** interface, select the user name (*operator*) and enter password.
2. If needed, check the checkbox of **Remember Password** to save the login password for future use.
3. Click **Login** to enter the **operator** main interface.



4. Enter the main interface.



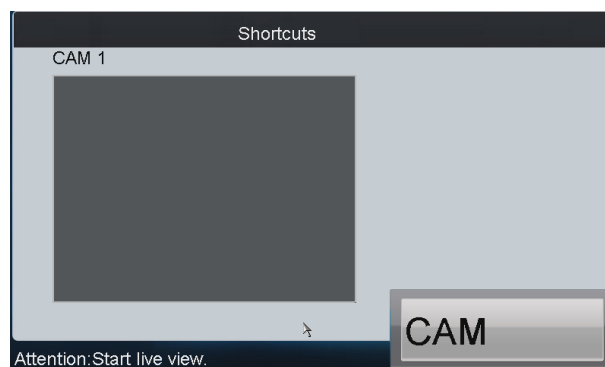
### 3.1 Local Live View

The local live view refers to display the video signal from the input channel through the network keyboard. Currently, only the 1-window display mode for 1 decoding channel is supported. In the preview mode, you can operate other shortcut functions.

**Steps:**

1. Press the *0+MON* keys to enter local live view.
2. Press the *Num + CAM* keys to select the camera input for display on the screen.

**Note:** In the local operation status, it is unallowable to operate the window (WIN), camera group (CAM-G), multi-division display (MULT) and camera tour (TOUR) functions.



3. Press the **ESC** key on the keyboard to enter full-screen preview mode.



**Notes:**

- Up to 1080P resolution is supported for local live view.
- You can press the **O+CAM** keys to stop the dynamic decoding of the current window.

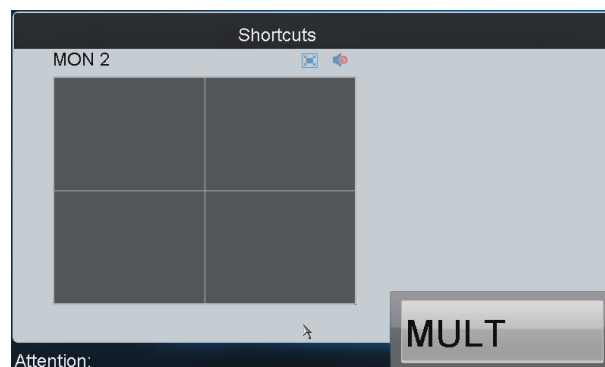
## 3.2 Display of Decoded Video on Monitor

### 3.2.1 Setting Multi-division Display

You can select different multi-division display modes for the selected output channel. Currently, 1/4/9/16-division display modes are configurable.

**Steps:**

1. Press the **Num + MON** keys to select the monitor.
2. Press the **Num + MULT** keys to select the multi-division display mode for the output channel.



**Notes:**

- In the local live view mode when you input *0+MON* keys, the multi-division display mode is not supported.
- Corresponding error message will appear on the screen when user performs wrong operation. E.g., when the multi-division number entered is not supported by the current output monitor, the message "wrong operation" will appear.

### 3.2.2 Displaying Decoded Video on Monitor

The selected input signal can be outputted and displayed by the decoding channel on the monitor. Currently, the supported decoding resolution includes: QCIF, CIF, DCIF, 2CIF, 4CIF, 720p, 1080p, VGA, UXGA, etc. The output interface can be selected to BNC/VGA/HDMI/DVI.

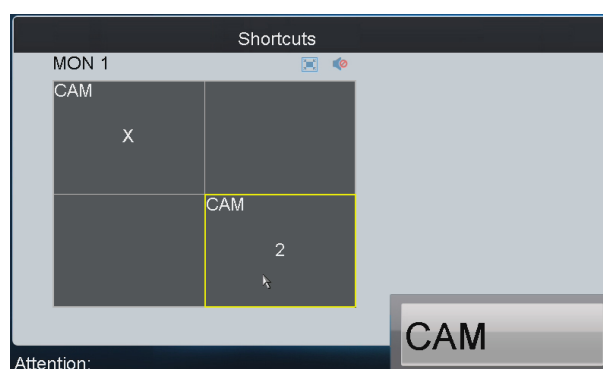
**Steps:**

1. Press the *Num + MON* keys to select the monitor.
2. Press the *Num + WIN* keys to select the display window on the monitor.  
You can also directly touch the screen to select the display window.
3. Press the *Num + CAM* keys to select the input camera.

**Example:**

You can input the "*1+MON, 2+WIN, 3+CAM*" keys to decode the video signal from camera 3 and display it on window 2 of monitor 1.

When you press the *0+CAM* keys, it will stop the dynamic decoding of the current window. If no display window is selected, the decoding of the 1<sup>st</sup> window will be stopped by default.

**Description of icons:**

Switch to full screen of sub screen	Restore	Audio off	Audio on

**Note:** Corresponding error message will appear on the screen when you perform wrong operation.

## 3.3 PTZ Control

If the camera connected to the keyboard supports PTZ function, you are allowed to operate the LIGHT/FOCUS/IRIS/ZOOM/WIPER buttons and joystick to realize PTZ control in the live view mode of the decoded video.

Two operation methods can be used to realize PTZ control:

**Method 1:**

1. Press the *Num + MON* keys to select the monitor.

2. Press the *Num + WIN* keys to select the display window.

**Note:** When the current window is in cycle view mode, the keyboard will be unable to automatically connect with the camera and now it is invalid to operate the joystick.

#### Method 2:

1. Press the *Num + CAM* keys to directly select the camera.
2. When the camera connected to the keyboard supports PTZ function, operate the joystick and LIGHT/WIPER/FOCUS±/IRIS±/ZOOM buttons to realize PTZ control.

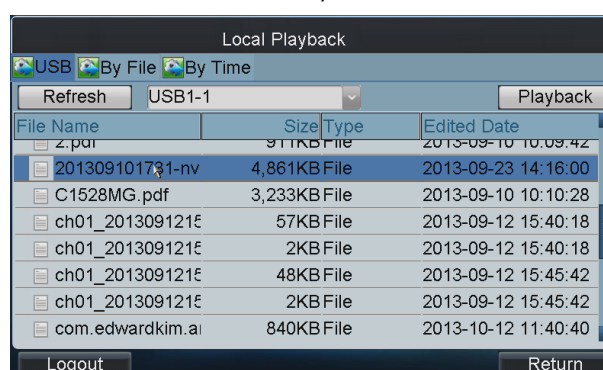
When the purpose of AUX1/AUX2 key has been set to **PTZ Speed**, you can use the key to adjust the PTZ control speed.

## 3.4 Playback

### 3.4.1 Local Playback

The video files stored in the encoding device can be played back through the related decoder. Three playback modes are available: playback by USB file, playback by time and playback by file.

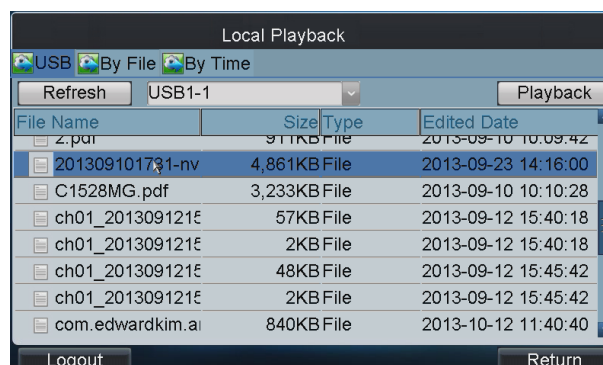
Click **Playback** on the main interface to enter the Local Playback interface.



### Playback by USB File

#### Steps:

1. Connect your USB disk to the keyboard.
2. Click the **USB** tab on the **Local Playback** interface to enter the Playback by Local File interface.



3. Select the video file from the USB disk for playback.

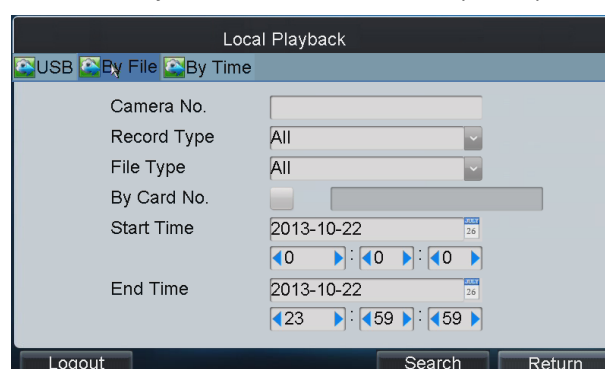
- Click **Playback** to play the selected video file.



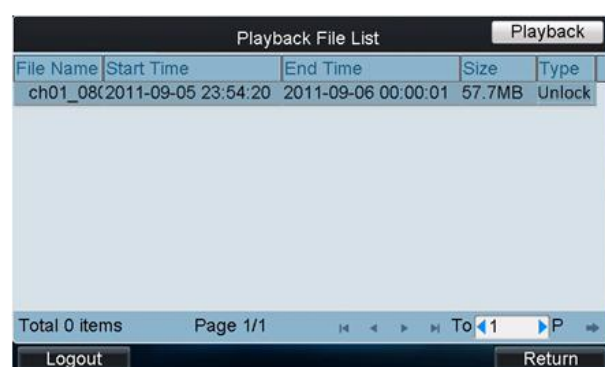
## Playback by File

### Steps:

- Click the **By File** tab on the Local **Playback** interface to enter the Playback by File interface.



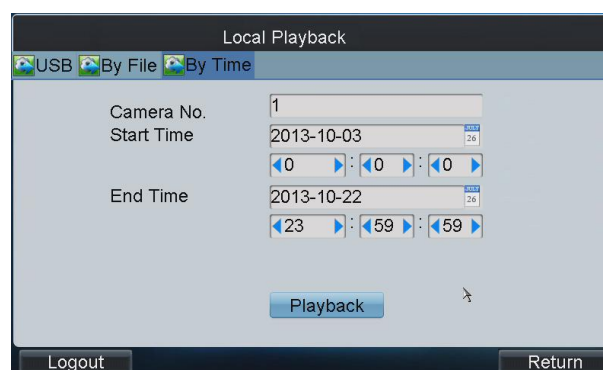
- Input the Camera No. for playback.  
If the encoding device is ATM DVR, you can input the Card No.
- Select the record type and file type.
- Set the start time and end time of the video files for playback.
- Click **Search** to search the matched video files.
- (1) The searching results can be viewed on the Playback File List interface.



- (2) Select the file for playback from the list and click **Playback** to play back the video file.

## Playback by Time

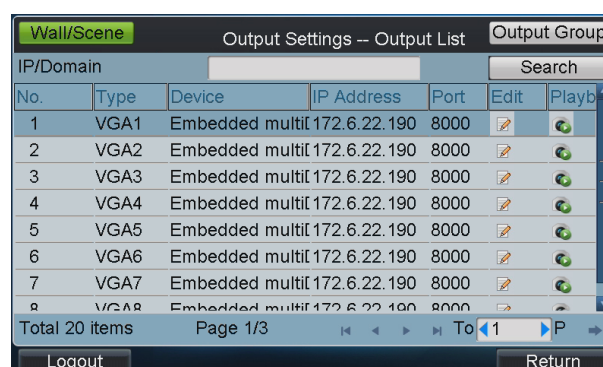
- Click the **By Time** tab on the Local **Playback** interface to enter the Playback by Time interface.




2. Input the Camera No. for playback.
3. Set the start time and end time of the video files for playback.
4. Click **Playback** to play back the recorded video.

### 3.4.2 Playback of Decoded Video on Monitor

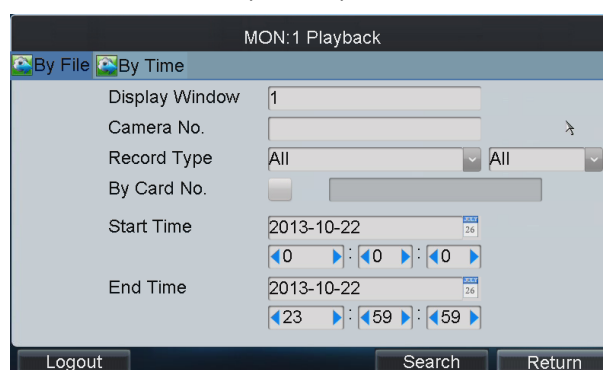
Click **Output** on the main interface to enter the **Output Settings** interface. The list has displayed all output channels added to the current login *operator* user.



Select an output channel from the output list and click the  icon to enter the Playback interface.

**Note:** Before operating the playback, you must configure the output settings first.

You can play back the decoded video on monitor by file or by time.



Please refer to section *Playback by File* and section *Playback by Time* to operating steps.