

VPlayer

V3.7.0



User Manual

Change History

Version	Release Date	Description
V3.7.0	2020-07-10	Added 3 functions: <ul style="list-style-type: none">• Audio playback• Emergency insertion• File tamper-proofing Improved 1 function: <p>Reconstructed modules such as scheduling, digital clock and timer to improve the playback effect.</p> Fixed 2 problems: <ul style="list-style-type: none">• Scrolling text and colorful text flutter.• The user interface resolution of VPlayer is not adaptive to that of the 4K monitor.
V3.2.5	2019-10-25	None
V3.2.2	2019-10-10	None
V3.2.1	2019-09-27	Fixed 1 problem: <p>Scrolling text is not centered.</p>
V3.2.0	2019-09-20	Added 3 functions: <ul style="list-style-type: none">• Cut-to-display media• Dynamic borders• Background audio of text and images Improved 1 function: <p>Method to binding to cloud platform</p>
V3.1.0	2019-08-23	First release for Linux

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1 Introduction

VPlayer is an application from NovaStar. It works as a terminal player which can be used for devices installed with Windows or Linux. This document introduces the operations and functions of VPlayer for Linux.

On public networks, VPlayer can work with the cloud-based publishing system of VNNOX. After binding VPlayer and a synchronous player in the cloud-based publishing system, users can remotely manage content and control terminals via VPlayer.

On LANs, VPlayer can work with ViPlex Express LAN-Based Screen Management Software. ViPlex Express can search for and connect to VPlayer automatically. After logging in to VPlayer in ViPlex Express, users can publish solutions to VPlayer and upgrade the version of VPlayer.

After VPlayer downloads solutions to the specified location, the solutions will be played according to the playback plan set by users.

2 Installation

Preparation

- Visit <https://www.vnnox.com/syndownload?l=en> to download VPlayer installer.
- Make sure your operating system is Ubuntu 18.04 or NeoKylin V7.0.

Requirements

To ensure normal communication between ViPlex Express and VPlayer, install these two applications on:

- Different PCs on the same LAN.
- PCs on different network segments which can be pinged successfully.

The cloud-based publishing system of VNNOX has no specific requirements for VPlayer.

System Settings

Move the "vplayerenvsetting.sh" script file to the home directory of the current user. Open the terminal and run the script, as shown in [Figure 2-1](#). "/home/zhl/" is the path where the script is located. Please replace the path as required.

After the script is run successfully, users can use sudo to execute commands without requiring a password.

Figure 2-1 Example of running the script

```
zhl@ubuntu:~$ sh /home/zhl/vplayerenvsetting.sh
zhl@ubuntu:~$ sudo ls /etc/init.d
acpid                cups                 kmod                 saned
alsa-utils           cups-browsed        networking           speech-dispatcher
anacron              dbus                network-manager     spice-vdagent
apparmor             dns-clean           open-vm-tools       udev
appport              gdm3                plymouth            ufw
avahi-daemon         grub-common         plymouth-log        unattended-upgrades
binfmt-support       hwclock.sh          pppd-dns            uidd
bluetooth            irqbalance          procs                vmware-tools
console-setup.sh     kerneloops          rsync                whoopsie
cron                 keyboard-setup.sh  rsyslog             x11-common
zhl@ubuntu:~$
```

Installation

Decompress "vplayer.tar", double click the "vplayer.run" installer and complete the installation according to the wizard.

3 Player Binding

When working with the cloud-based publishing system of VNNOX, VPlayer must be bound to a synchronous player and then can communicate with the cloud-based publishing system.

Only one synchronous player can be bound to VPlayer.

Checking Authentication Information

Step 1 Visit www.en.vnnox.com and click **Login** at the top right of the page.

Step 2 Select a server node and click **OK**.

Step 3 Enter the account name and password, and click **Log In**.

If email verification or SMS verification is enabled, email verification or SMS verification will be required when you log in to VNNOX. If you have not bound an email or phone, you will be required to bind an email or phone when you log in to VNNOX.

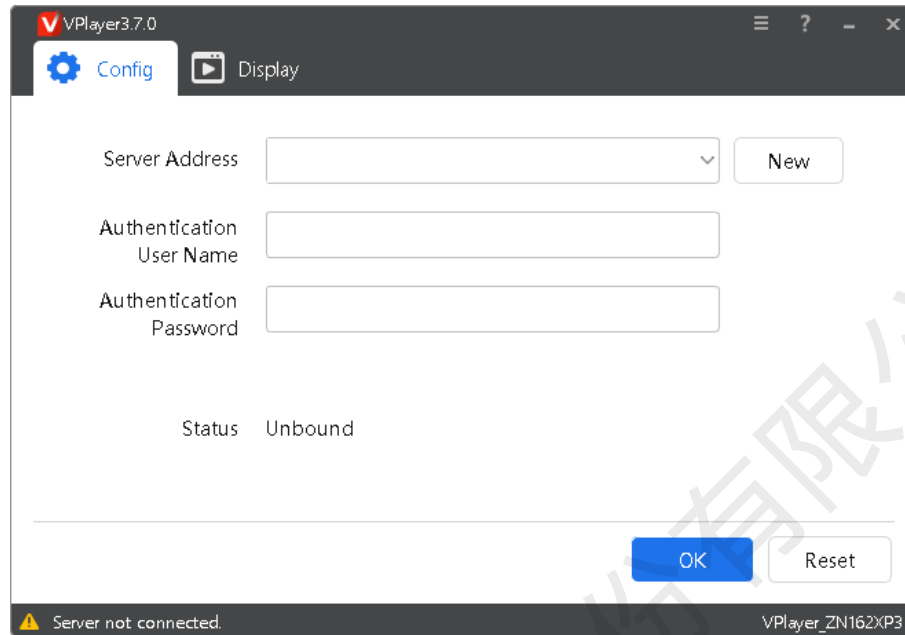
Step 4 On the homepage of cloud platform, choose  > **Player Authentication**.

Step 5 In the **VNNOX Standard/AD Authentication Information** area, view **Server Address**, **Authentication User Name**, and **Authentication Password**.

Binding Players

Step 1 Open VPlayer, as shown in [Figure 3-1](#).

Figure 3-1 The **Config** page



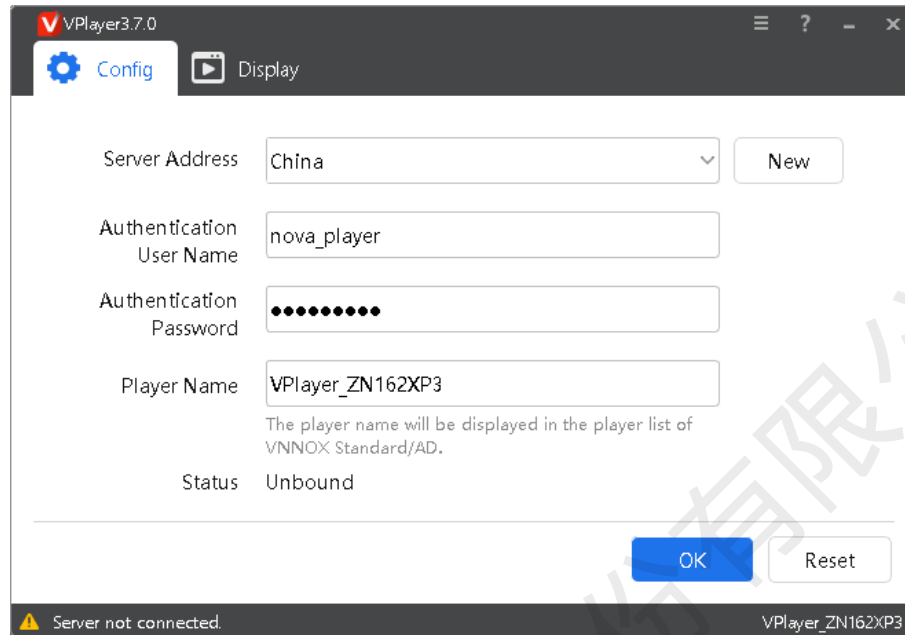
Note: The string at the bottom right of the page is the unique ID of VPlayer. The ID consists of "VPlayer_ *hard disk serial number*" which is used to distinguish VPlayers in the terminal list of ViPlex Express. If the hard disk serial number is longer than 8 characters, the ID will use the last 8 characters.

Step 2 On the **Config** tab page, select a server from the drop-down options, or click **New** to add a server.

When you add a server, make sure that the server address must be the same as the address in VNNOX.

Step 3 Enter the authentication user name and password which must be the same as those in VNNOX.

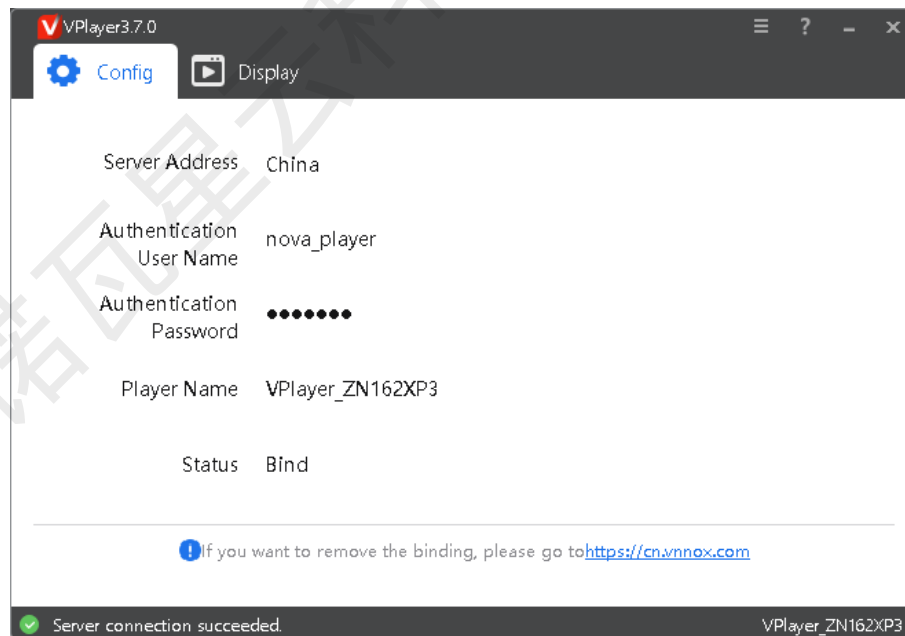
Figure 3-2 Authentication information



Step 4 Click **OK**.

Step 5 In the prompt box which says the player was bound successfully, click **OK**.
After the player is bound successfully, the page shown in Figure 3-3 is displayed.



Figure 3-3 Binding successful



Related Operations

If you want to reset parameters, click **Reset**.

If you want to remove binding, log in to VNNOX and perform the following operations according to the actual situation:

- VNNOX Standard: On the **Players** page, click .
- VNNOX AD: Choose  > **Players Management** > **Players**, select the player and click **Delete**.

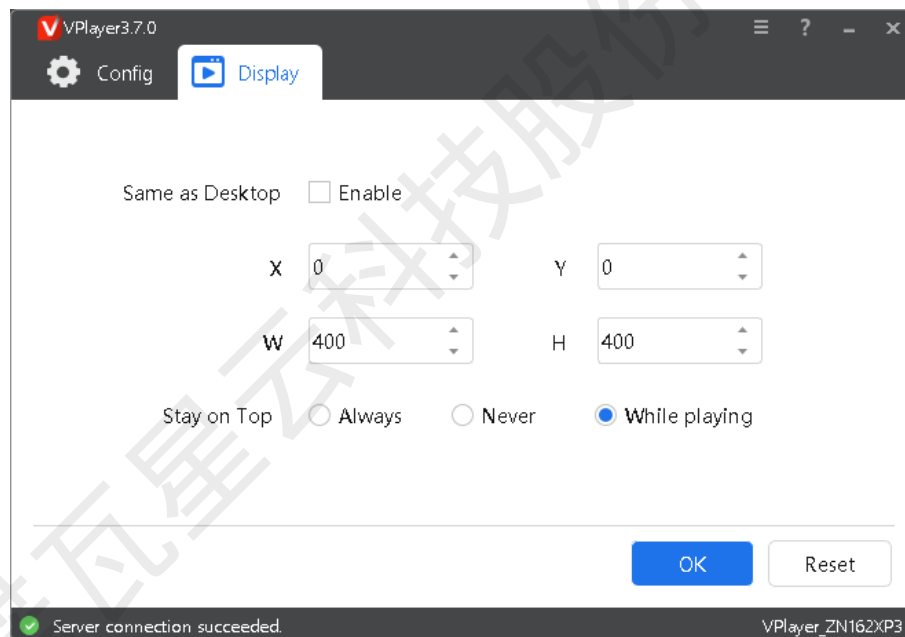
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4 General Functions

4.1 Setting Display Window

- Step 1 Open VPlayer.
- Step 2 Choose **Display**.

Figure 4-1 The **Display** page



- Step 3 Set the position and size of the display window and select an option of keeping the window on top.


If **Same as Desktop** is enabled, the size of the display window will be the same as the size of desktop. If they are not completely the same, see [5.2 How to set Linux configuration options related to full screen playback?](#)

The default shortcut to show or hide display window is **Ctrl+H**.

4.2 Locking Screen

You can use the locking function to make the screen stay in the current status.

Step 1 Open VPlayer.

Step 2 In the top right corner of the page, click  and select **Lock**.

- If you have not set an unlocking password, the password setting page will appear.
- If you have set an unlocking password, go to [Step 3](#).

Step 3 Click **OK**.

To unlock the screen, press **Esc**, enter the password and press **Enter**. If you forgot the unlocking password, please send the random code in the dialog box to the technical engineer staff to deal with.

4.3 Setting System Information

Step 1 Open VPlayer.


Step 2 In the top right corner of the page, click  and select **Settings**.


Table 4-1 System information

Item	Description
General	<p>Change the language of VPlayer, sync time, configure VPlayer to start up automatically, choose to exit or minimize the program when clicking the close button, set video volume and hardware acceleration.</p> <ul style="list-style-type: none">• Select Enable network time, and the PC will sync time based on the network time.• Select Turn off video volume, and the next video and subsequent videos will be muted.• Select Use GPU of native operating system for acceleration to enable hardware acceleration. When the graphics card of the PC does not support hardware acceleration and the playback gets stuck, you are advised to deselect this option.
Download	Set the directory to save files received by VPlayer.
Hot Keys	Set keyboard shortcuts to show/hide the display window.
Lock	Set a password to unlock the screen. The screen can be locked when the password is set successfully.

Step 3 Click **OK** after the configuration is done.

4.4 Checking Software Information

Step 1 Open VPlayer.

Step 2 In the top right corner of the page, click  and select **About**.

View information such as the version and copyright of VPlayer.

5 FAQ

5.1 How to deal with the problem that a video cannot be played normally?

Question

How to deal with the problem that VPlayer cannot play a video normally?

Answer

- Step 1 Use a third-party driver tool to check whether the video card driver, sound card driver and Inter bus driver are normal.
- Yes: Go to [Step 2](#).
 - No: Update the driver.
- Step 2 Check whether other players can play the video normally.
- Yes: Contact NovaStar.
 - No: There is a problem with the video file.

5.2 How to set Linux configuration options related to full screen playback?

Question

How to set relevant Linux configuration options when **Same as Desktop** is selected but the sizes of the playback window and desktop are not completely the same?

Answer

- Step 1 Hide Dock.
1. Press the **Win** key and type **Dock** in the search box and then press the **Enter** key.

2. Turn on **Auto-hide the Dock**.

Step 2 Hide top bar.

1. Install GNOME Tweak Tool.
2. Restart Linux system.
3. Press the **Win** key, type **gnome-tweak** in the search box and then press the **Enter** key.
4. Turn on **Hide top bar**.

5.3 Media with transparent background covers videos or streaming media

Question

When a solution has multiple areas and some areas overlap, if the media with transparent background is in the front of videos or streaming media, the videos or streaming media in the overlapped area will be covered and cannot be displayed.

Answer

Make sure no areas overlap. If areas must overlap, please make sure no video or streaming media is in the back of the media with transparent background.

5.4 An error is reported occasionally after VPlayer is reinstalled

Question

When VPlayer and a player in VNNOX are bound, a reminder saying request failed appears occasionally after VPlayer is uninstalled and reinstalled.

Answer

Rebind the player in VNNOX.

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