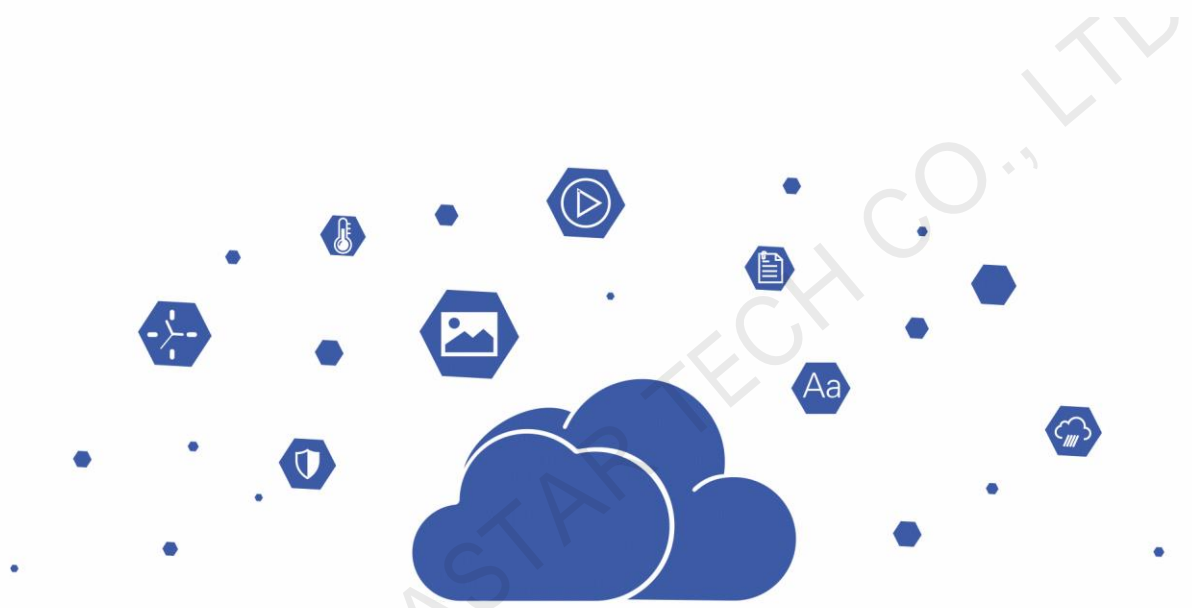


# LCD Player

V3.9.0



User Manual

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XI'AN NOVASTAR TECH CO., LTD

# 1 Introduction

## 1.1 Overview

The LCD player is an application from NovaStar. It can be installed on Android devices as a terminal player.

This LCD player can work with VNNOX Standard/AD via the Internet. Users can bind the LCD player to VNNOX to remotely manage contents and control terminals. The LCD player downloads a solution to the specified path and plays the solution according to the playback plan.

This document introduces the beginners how to remotely manage contents and control terminals after the LCD player is installed on LCDs.

## 1.2 Supported LCD Manufacturers and Models

The LCD models supported by the LCD player are shown in [Table 1-1](#).

Table 1-1 LCD manufacturers and models

Manufacturer	Model	Chip
SIGNWAY	5180	RK3288
	5186	RK3288
	5190	RK3399

## 2 Installation

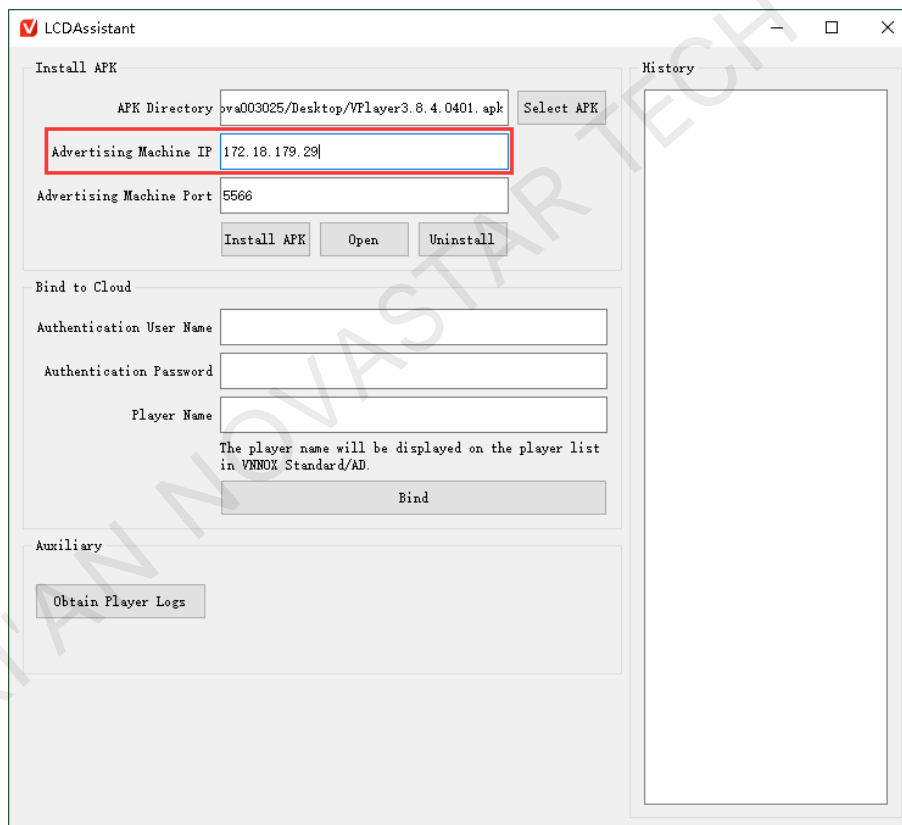
### Preparation

Go to <https://www.vnnox.com/syndownload> to download the installer for the LCD player.

### Installation

- If the installer is downloaded on the LCD, complete the installation by following the steps of the setup wizard.
- If the installer is downloaded on the PC, install the LCD player for the LCD by using any of the following two methods.
  - Copy the installer to the LCD using a USB drive. Choose **File Explorer > USB Drive**, click the installer and follow the steps of the setup wizard to complete the installation.
  - On the PC, install the LCD player for the LCD remotely using the LCDAssistant tool.
    1. Open LCDAssistant, enter the advertising machine IP address and click **Install APK** to complete the installation.
    2. Enter the authentication user name and password obtained in [View Authentication Information](#) to bind the LCD player to VNNOX Standard/AD.

Figure 2-1 LCDAssistant



## 3 Terminal Binding

Binding the LCD player to VNNOX Standard/AD allows them to work together and communicate.

### View Authentication Information


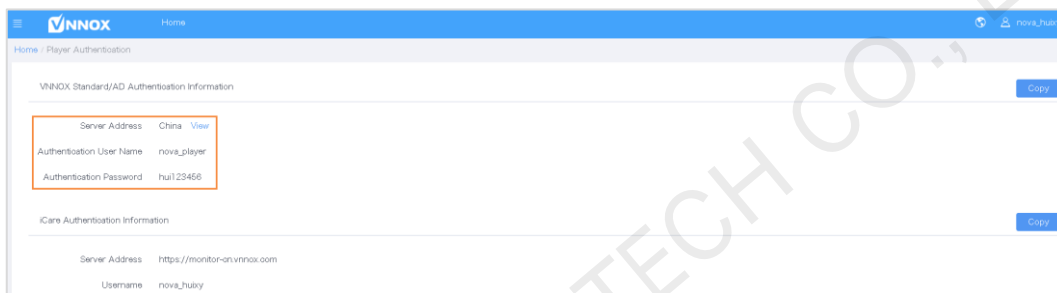
- Step 1 Visit [www.en.vnnox.com](http://www.en.vnnox.com) and click **Log In** at the upper right of the page that appears.
- Step 2 Select a server node and click **OK**.
- Step 3 Enter your user name and password, then click **Log In**.
- Step 4 On the homepage of the cloud platform, choose  > **Player Authentication**.
- Step 5 In the **VNNOX Standard/AD Authentication Information** area, view the server address, authentication user name and password.

Figure 3-1 VNNOX Standard/AD authentication information



### Binding the LCD Player to VNNOX Standard/AD

#### Notes:

- Make sure that the LCD is connected to the Internet.
- Skip this section if the player binding is done by using the LCDAssistant tool.

- Step 1 On the LCD, open the LCD player, as shown in [Figure 3-2](#).

If the LCD player is installed for the first time, the player binding page is displayed automatically after the installation.

Figure 3-2 Player binding page

Step 2 Select a server node.

Step 3 Enter your authentication user name and password.

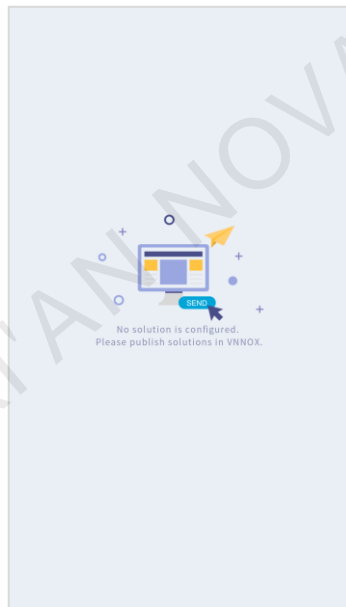
The authentication information must be consistent with the information in [View Authentication Information](#).

Step 4 Enter a player name.

Step 5 Click **OK**.

After the player is bound successfully, the player can be found on the player list in VVNOX Standard.

Figure 3-3 Playback page



# 4 Cloud Control

## Applications

Binding the LCD player to VNNOX Standard/AD can enable remote content management and remote terminal control via VNNOX Standard/AD, as shown in [Table 4-1](#).

Table 4-1 Remote control

Remote Control	Function	Description
Solution publishing	After a solution is published remotely, the LCD player downloads the solution and then plays the solution according to the playback plan. Note: Only images and videos are supported.	For details, see: <ul style="list-style-type: none"> <li>• Relevant sections in <i>VNNOX One-Stop Cloud Platform VNNOX Standard User Manual</i>.</li> <li>• Relevant sections of <i>VNNOX One-Stop Cloud Platform VNNOX AD User Manual</i>.</li> </ul>
Player upgrade	Remotely upgrade the LCD player to the latest version.	
Volume control	Adjust the volume.	
Screenshot	Obtain the current playback screenshot.	
Media cleanup	Clean up idle media resources.	
Player restart	Restart the LCD player immediately.	
Play logs	View the play logs of players.	

## Operating Procedure


### Log in to VNNOX

VNNOX Standard is used as an example.

- Step 1 Visit [www.en.vnnox.com](http://www.en.vnnox.com) and click **Log In** at the upper right of the page that appears.
- Step 2 Select a server node and click **OK**.
- Step 3 Enter your user name and password, and then click **Log In** to access the homepage of the cloud platform.
- Step 4 Click anywhere in the VNNOX Standard section to access the homepage of VNNOX Standard.

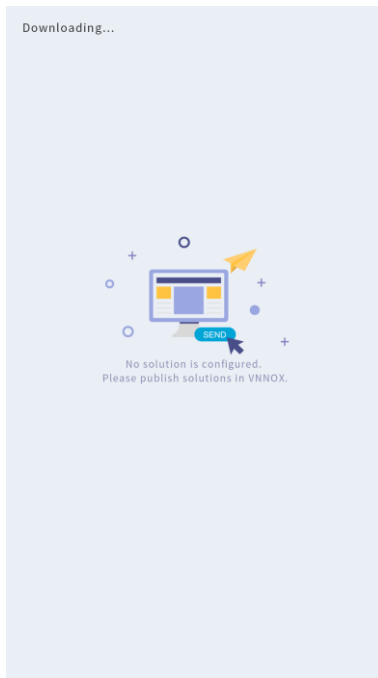
If you access the system for the first time, a prompt will appear, reminding you to set a default system. After the default system is set to VNNOX Standard, you will access VNNOX Standard directly after clicking **Log In** next time.

### Publish Solutions

- Step 5 From the menu bar, choose **Solutions**.
- Step 6 On the solution list, click  of the target solution.
- Step 7 Select the player bound in [Terminal Binding](#).
- Step 8 Click **OK**.

The LCD player downloads the solution to the specified path and plays the solution according to the playback plan. As shown in [Figure 4-1](#), the LCD player is downloading the solution.

Figure 4-1 Downloading solution



### Control Terminals

- Step 9 From the menu bar, choose **Player Control**.
- Step 10 Click a function icon to access the corresponding function page.  
Only volume control, monitoring, playback management, and player restart are supported.
- Step 11 Select the online target player on the left.
- Step 12 Perform the corresponding operations as required.



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