



# ViPlex Express

LAN-Based Screen Management Software



## User Guide

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## Change History

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Version	Release Date	Description
V1.0.0	2017-07-20	First release.

XI'AN NOVASTAR TECH CO.,LTD

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# 1 ViPlex Express Introduction

Designed for Windows PC, ViPlex Express is the client software of the Taurus series multimedia players and mainly used for managing screens, editing and publishing programs.

Advantages:

- Friendly user interface: UI design takes full account of users' habits.
- Ease of use: The Taurus series players can be connected wirelessly and accessed easily.
- Synchronous playing: Capable of playing the same content on different screens synchronously.
- Dual Wi-Fi function: Capable of setting Wi-Fi AP mode and Wi-Fi Sta mode.
- 4G connection: Capable of setting mobile data network of the Taurus with 4G module.
- Terminal binding: The Taurus series players can be easily bound to the cloud-based publishing system VNNOX and the cloud-based monitoring system NovaiCare.

# 2 Installation of ViPlex Express

## Before You Begin

- Get the installation package of ViPlex Express.  
How to get: Visit [www.novastar.tech](http://www.novastar.tech).
- Install Framework 4.6.1 or above.

## Operating Procedures

- Step 1 Double click the installer "ViPlex Express V1.0.0 Setup.exe".
- Step 2 Click **Next** in the setup wizard.
- Step 3 Select installation path and click **Next**.
- Step 4 Select start menu folder and click **Next**.

- Step 5 Select additional tasks and click **Next**.
- Step 6 Click **Install**.
- Step 7 After the installation is done, select or deselect **Run ViPlex Express** and click **Finish**.

# 3 Login of Taurus

## Required Information

Get the actual values of the information in Table 3-1.




Table 3-1 Required information

Item	Account Name	Default Password
Connect Taurus WiFi AP	AP+last 8 digits of the SN For example: AP10000033	12345678
Log in Taurus	admin	123456



## Operating Procedures

ViPlex can connect multiple Taurus series products.

- Step 1 Connect the Taurus series products via the Wi-Fi AP of the Taurus, external router or Ethernet cable.
- Step 2 Start ViPlex Express.
- Step 3 Click **Refresh**, and the screen list appears.

-  : Denotes that the Taurus is online and you can log in it.
-  : Denotes that the Taurus is offline and you cannot log in it.
-  : Denotes that logging in the Taurus is successful.

After Taurus is found by ViPlex Express, ViPlex Express will attempt to log in the Taurus automatically with the default account or the account used for last login.

- Step 4 Automatic Login is successful or not.
  - Yes.  is shown and the operation is finished.
  - No.  is shown. Then go to Step 5

- Step 5 Click **Connect** next to the screen information.
- Step 6 Enter your user name and password, and then click **OK**.

## Related Operations

Right click the screen information to see the related operations.

- Logout: Log out of the Taurus.
- Rename: Rename the Taurus.
- Password Modification: Modify the password used for the user “admin” to log in the Taurus.
- Forget password: Delete the user name and password used for last login.

If the user enter the password of the user “admin” to log in Taurus, ViPlex Express will automatically save the account information and the user can log in Taurus automatically in future. In case of selecting forget password, the user will need to enter the account information again while logging in Taurus in future.

# 4 Program Management

ViPlex Express supports the media formats shown in Table 4-1

Table 4-1 Media formats

Media Type	Format
Text	N/A
Image	JPEG, BMP, GIF, PNG, WEBP
Audio	MPEG, WMA, WAV, OGG, FLAC, AAC, AMR, MIDI
Video	MPEG-1/2, MPEG-4, H.264/AVC, MVC, H.265/HEVC, Google VP8, H.263, VC-1, Motion JPEG

## Create Programs

Get the screen size before creating programs.

Step 1 Click **New**.

Step 2 Enter playlist name, screen width and height, and then click **OK**. The editing page of the program appears, as shown in Figure 4-2. Each area of the page is explained in Table 4-2.

Figure 4-1 The editing page of a program

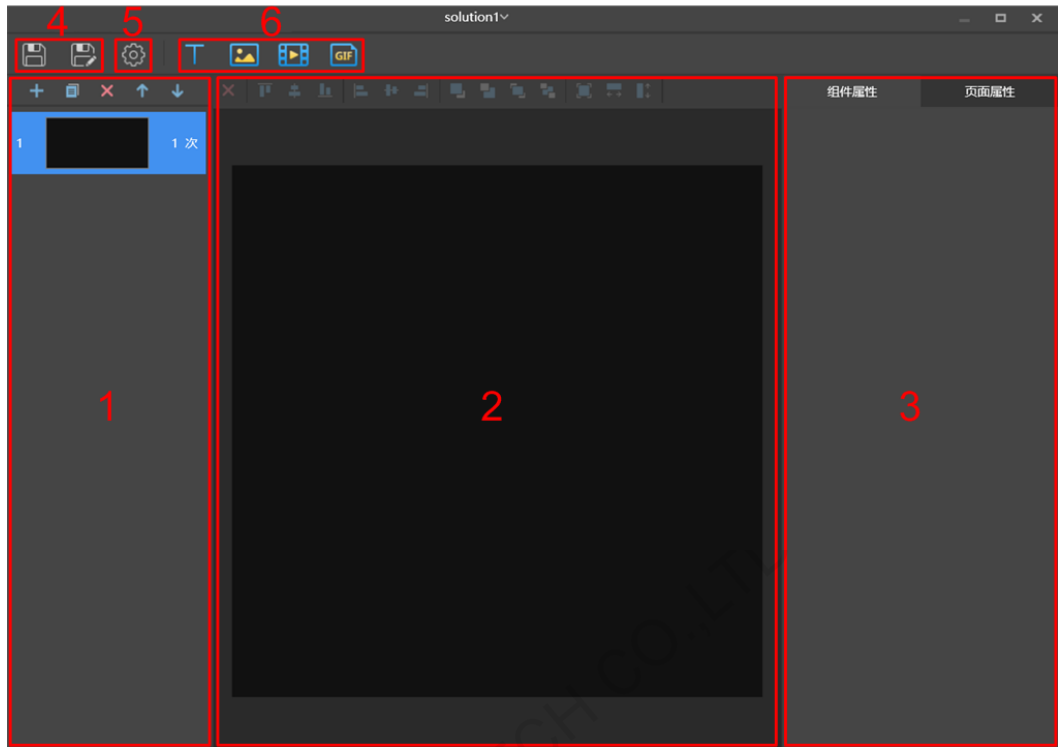



Table 4-2 Description of the editing page of a program

No.	Description
1	Editing area for creating, copying and deleting pages and adjusting the order of pages. Pages are played according to the order from the top to bottom.
2	Editing area of page media, for deleting media and adjust media layout. Click to select the media before operation.
3	Editing area for editing widget properties and page properties. Widgets are the media added in pages. Click to select a widget before editing the widget properties.
4	Buttons for saving a program and save a program as another program.
5	Setting button for setting the default duration of a program.
6	Buttons for adding media to a program page.

Step 3 After the program is edited, click  to save.


## Edit Programs

In the program list, select a program and click **Edit** to enter the editing page.

## Publish Programs

- A program can be published after media are added to the program.

- Only one program can be sent to terminals each time.
- One program can be sent to multiple terminals simultaneously.

- Step 1 Select a program in the program list and click **Publish**, or click  next to the program information.
- Step 2 Click **Refresh** in the **Playlist Release** dialog box to show the information of terminals which are logged in.
- Step 3 Select one or more terminals and click **Publish**.
- Step 4 When **Progress** shows 100%, click **Done**.

# 5 Screen Control

## 5.1 General Function

There is a **Read back** button in each of the functions of terminal control to read back terminal information to ViPlex Express so that the latest data are shown in the software.

## 5.2 Play Management

Manage the play mode, volume and content of terminals.


### Turn on Synchronous Playing


- Step 1 Select the target terminal in the terminal list.
- Step 2 Select **Startup** next to **Synchronous Playing**.
- Step 3 Click **Yes** in the pop-up dialog box.

### Adjust Volume in Real Time

Drag the slider or enter a value to adjust volume. Volume can be adjusted only in asynchronous mode.

### Play/Stop Programs

Play a program: Move the mouse to the thumbnail of the program and click .

Stop a program: Move the mouse to the thumbnail of the program and click .



## Delete Programs


Select programs in the program thumbnail list and click **Delete**.

## 5.3 Server Configuration

Bind VNNOX Player and NovaiCare.

### Bind VNNOX Player

Step 1 View player authentication information.

1. Visit <http://www.vnnox.com> and click **Login** at the top right of the page.
2. Select a server node and click **Ok**.
3. Enter your account name and password, and then click **Login**.
4. Select **Organization Management**, **System Management** in the pop-up menu of  at the top right of the page.
5. Select the **Player Authentication** tab and view server address, certified user name and password.

Step 2 Select the target terminal in the terminal list.

Step 3 Configure player authentication information in **Configure parameters for connecting screens to VNNOX**. The authentication information must be the same as the information on VNNOX.

Step 4 Click  next to **Player** and select a player.

Step 5 Click **Apply**.

### Bind NovaiCare

Step 1 Select **Enable** next to **NovaiCare configuration** in **Configure parameters for connecting screens to NovaiCare**.

Step 2 Configure NovaiCare server address and login user name.

Step 3 Click **Apply**.

## 5.4 Network Configuration

Configure current network, including wired network, Wi-Fi AP, Wi-Fi Sta and mobile network.

### Configure Wired Network

It is required to set static IP address for Taurus while connecting Taurus via Ethernet cable. Set IP address according actual needs while connect Taurus to the Internet via Ethernet cable,

Step 1 Select the target terminal in the terminal list.

Step 2 In **Wired network configuration**, perform the following operations according to actual needs.

- Select **Enable** next to **Dynamic DHCP** to get IP address automatically.
- Deselect **Enable** next to **Dynamic DHCP** and configure static IP address.

Step 3 Click **Apply**.

## Configure Wi-Fi AP

The default SSID of terminal Wi-Fi AP is "**AP + the last 8 digits of the SN**" and the default password is "**12345678**".

Step 1 Enter the SSID and password of terminal Wi-Fi AP.

Step 2 Click **Apply**.

## Configure Wi-Fi Sta

If the external router is connected to the Internet, terminals can access Internet via the external router after Wi-Fi Sta is configured.

Step 1 Turn on **Wi-Fi** in **Wi-Fi configuration**.

Step 2 Double click the Wi-Fi information of the external router, enter password and then click **OK**.

## Configure Mobile Network

Terminals with 4G module can access Internet via mobile data.

Step 1 Insert 4G card into the slot.

Step 2 Turn on **Mobile network**.

# 5.5 Screen on/off

Restart terminals immediately and configure restart rules.

## Restart Taurus



Step 1 Select the target terminal in the terminal list.



Step 2 Click **Restart promptly**.

Step 3 Click **Confirm** in the pop-up dialog box to restart the terminal immediately.

## Configure Restart Rules

Step 1 Perform the following operations according to actual needs.

- Create a rule: Click . Set the time and cycle to restart a terminal in the pop-up dialog box and then click **OK**.
- Modify a rule: Select a rule and click  to modify the time and cycle to restart a terminal and then click **OK**.

- Delete rules: Select one or more rules and click . Then click **Confirm** in the pop-up dialog box.
- Clear rules: Click  and then click **Confirm** in the pop-up dialog box.
- Enable rules: In the rule list, turn on **Sure to enable** next to a rule.

Step 2 After the configuration is done, click **Apply**.

## 5.6 Screen Upgrade

Upgrade the application software and system software of terminals.

**Note: Keep the power on during upgrade.**

### Upgrade Application Software

Step 1 Select **Screen software**.

Step 2 Select upgrade package path.

Step 3 Select one or more terminals in terminal information list and click **Upgrade**.

### Upgrade System Software

Step 1 Select **Screen system**.

Step 2 Select upgrade package path.

Step 3 Select one or more terminals in terminal information list and then click **Upgrade**.

## 5.7 Monitor

View terminal hardware information and play screenshot. Hardware information includes disk size, memory usage, CPU usage and environment brightness.

## 5.8 Screen Information

Show terminal IP address, system software version, application software version, etc.

# 6 System Settings

Menu	Description
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Language	Set system language, including Chinese and English.
Setting	Set the save path of files, including the configuration files of ViPlex Express, data, temporary files, etc.
About	Show the version of ViPlex Express and the official website of NovaStar.
Help	View <i>ViPlex Express User Guide</i> .

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