
FOR NOVASTAR LED SIGNS

ViPlex Express

User Guide

Run your sign from a Windows PC



ViPlex Express is NovaStar's free Windows program for LED signs that run on a **Taurus** player (TB30, TB40, TB50, TB60 and similar). Build a playlist of pictures, video and text on your computer, then send it to your sign over Wi-Fi or a network cable.



WHICH VERSION DO I NEED?

VERSION	USE IT FOR
ViPlex Express 4.1.1 Windows 10 or 11, 64-bit	Players on firmware V4.7.4 or later, such as the TB10 Plus, TB20 Plus, TB30, TB40, TB50, TB60, T30, T50 and T60, and the 4G models TB1-4G and TB2-4G. This guide shows this version.
ViPlex Express 3.0.5 Windows 7 SP1 or later, 64-bit	Players on firmware below V4.7.4, including older models such as the TB1, TB2, TB3, TB4, TB6, TB8, T3 and T6, and PCs running Windows 7 or 8.1. See page 8.

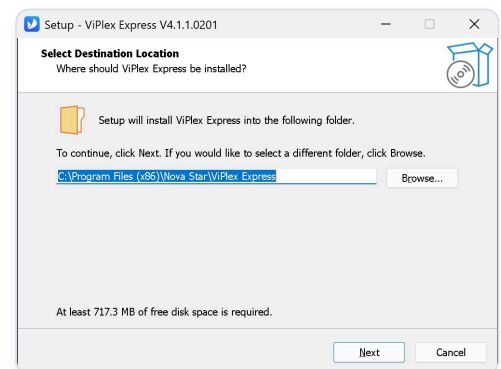
The model is printed on the player's label. Players on firmware V5.0 or later need version 4.1.1. Not sure which one you have? Ask iCatcher.

BEFORE YOU START

- ✓ A Windows 10 or 11 PC or laptop (64-bit).
- ✓ Your sign's Wi-Fi name and password, or a network cable from your sign to your router.
- ✓ Your sign's login password (from iCatcher).
- ✓ Pictures or videos sized to your sign's resolution.

1 Install ViPlex Express

- 1 Go to icatcher.com.au/downloads and download **ViPlex Express 4.1.1** (about 340 MB). The button downloads it straight from NovaStar.
- 2 Right-click the downloaded zip file, choose **Extract All**, then click **Extract**. In the folder that opens, double-click **ViPlex Express V4.1.1.0201 Setup**. If Windows asks for permission, click Yes.
- 3 Choose English and click **OK**. Click **Next** on each page, leave Create a desktop shortcut ticked, then click **Install**.
- 4 Click **Finish**. ViPlex Express opens.

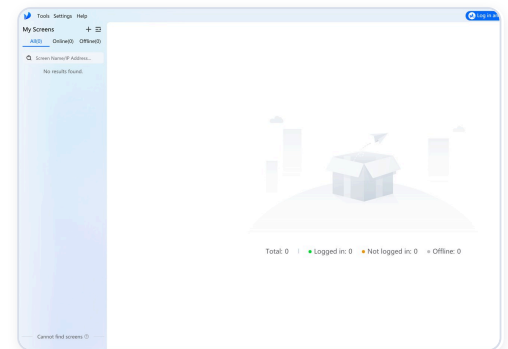


The installer puts ViPlex Express in Program Files (x86).

2 Connect to your sign

ViPlex Express finds your sign by itself when your PC and the sign are on the same network. Connect one of two ways:

- **The sign's own Wi-Fi.** Join it on your PC like any Wi-Fi network. Its name is the player model or AP, followed by numbers. The password is on your handover sheet.
 - **Your network.** If the sign is plugged into your router or venue network, connect your PC to the same network.
- 1 Open ViPlex Express. Your sign appears under **My Screens** on the left.
 - 2 An **orange** dot means it still needs a login. Right-click the sign, choose **Log In**, type the password from iCatcher, tick Auto Login and click **Log In**. If a Change Resolution box opens, check W and H match your sign's resolution, then click **OK**.
 - 3 A **green** dot means you're connected and ready. Grey means the sign is offline.

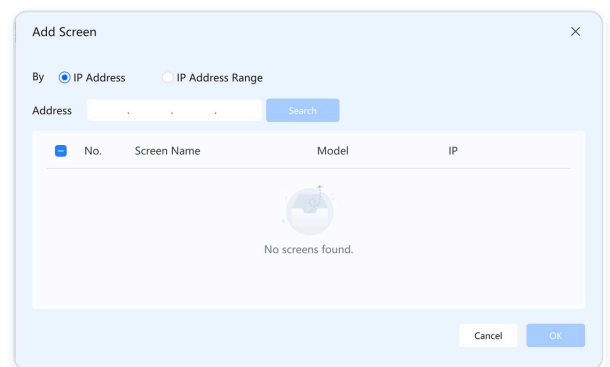


The main window. Signs appear under My Screens.

TIP Your PC may warn that the sign's Wi-Fi has no internet. That's normal, stay connected. If Windows Security asks about ViPlex Express, tick both network boxes and click Allow access.

SIGN NOT SHOWING?

- 1 Click the **+** next to My Screens and choose **Add Screen**.
- 2 Type the sign's IP address (from iCatcher) and click **Search**.
- 3 Tick the sign and click **OK**. Still nothing? See Quick fixes on page 9.

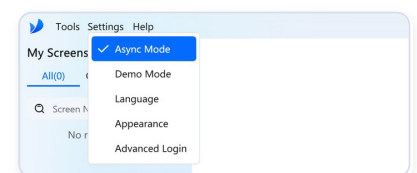


Add Screen finds a sign by its IP address.

PRACTISE WITHOUT A SIGN

Demo Mode gives you a pretend sign, so you can try everything in this guide first.

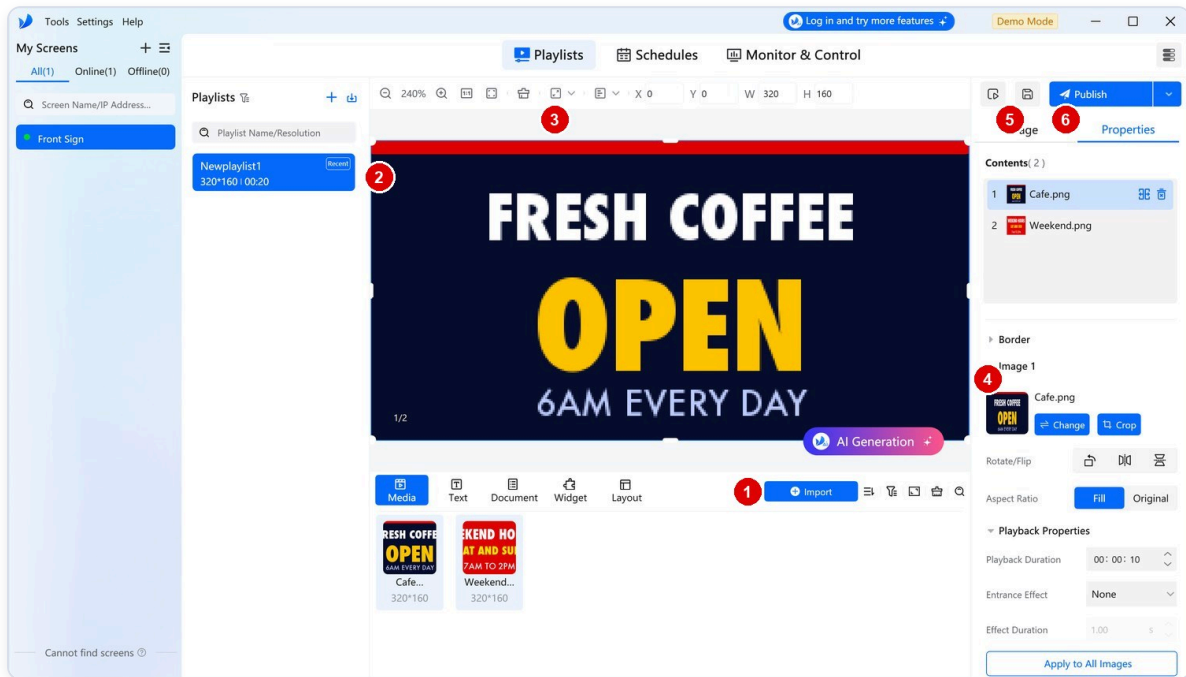
- 1 Click **Settings** at the top left and choose **Demo Mode**.
- 2 Click **+**, choose **Add Screen**, pick a model, enter your sign's size and click **OK**.
- 3 Switch back with **Settings** › **Async Mode** to use your real sign.



Settings switches between Async Mode (your sign) and Demo Mode.

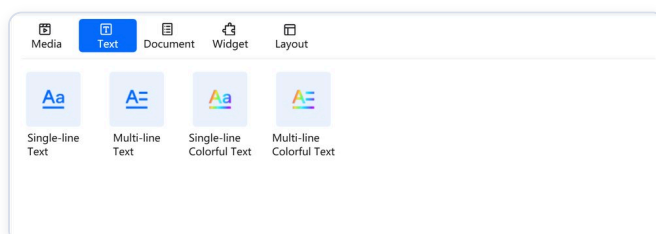
3 Make a playlist

A playlist is what your sign plays: one or more pages of pictures, video and text, shown in order.

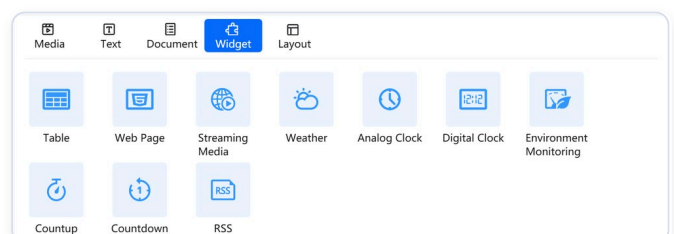


The playlist editor. The numbers match the steps below.

- 1 Click your sign under My Screens, then **Playlists** at the top. Click the **+** next to Playlists to start a new one. It is sized to your sign. Click **Import** and choose your pictures and videos. They appear under the canvas.
- 2 Drag a file onto the black canvas. Drag more files onto the same spot to make a slideshow. They play in the order shown under Contents.
- 3 To fill the whole sign, click the fill button and choose **Fill the Entire Screen**.
- 4 Click an item to change it on the right, for example Playback Duration (how long a picture stays up) and Entrance Effect.
- 5 Click Preview to watch it, then Save. To rename the playlist, right-click it in the Playlists list.
- 6 When you're happy, click **Publish**. See section 4.



Text adds a single line, a paragraph or colourful text.

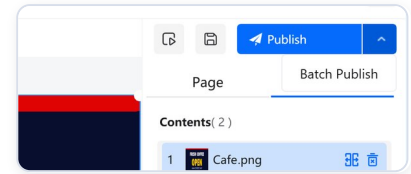


Widget adds a clock, weather, a web page, a countdown and more.

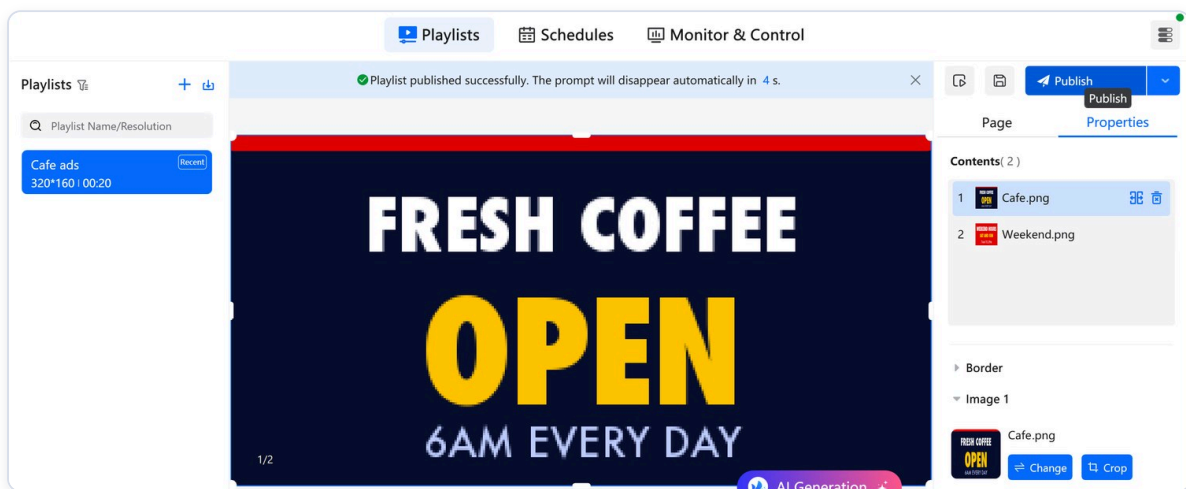
TIP Use your sign's exact resolution. If a banner says the playlist doesn't match the screen, click Change to Screen Resolution. Weather, web pages and RSS need the sign to be online. You don't need the Log in and try more features button at the top: it's for NovaStar's online tools, not your sign.

4 Publish to your sign

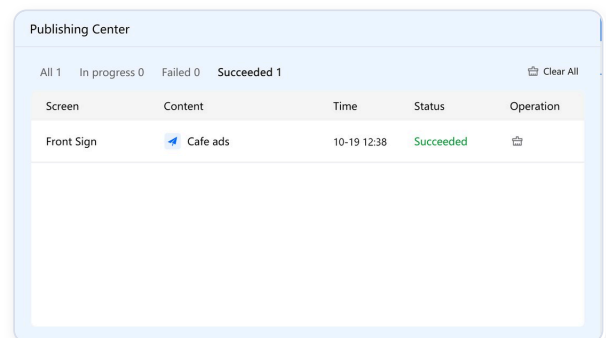
- 1 With your playlist open, click **Publish** at the top right.
- 2 ViPlex Express checks the playlist and sends it. A green message confirms it's on the sign.
- 3 To send to several signs, click the arrow next to Publish, choose **Batch Publish**, tick the signs and click **Confirm & Publish**.
- 4 To check how it went, click the Publishing Center icon at the top right. It lists sends that are in progress, failed or succeeded.



The arrow beside Publish opens Batch Publish.



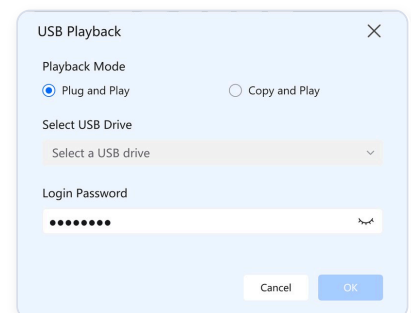
Published. The message at the top fades after a few seconds. The **Publishing Center** keeps a list of every send, with the time and whether it worked. Click Failed to see any that didn't go through, then fix the problem and send again.



The Publishing Center lists every send and its result.

5 No network? Use a USB stick Optional

- 1 Plug a USB stick into your PC, then right-click the playlist in the Playlists list and choose **USB Playback**.
- 2 **Plug and Play** plays straight from the stick, so leave it in the player. **Copy and Play** copies the playlist onto the player, so you can take the stick out afterwards. A stick holds one playlist at a time.
- 3 Pick your USB stick, type the sign's login password and click **OK**.
- 4 Plug the stick into the player's USB port.

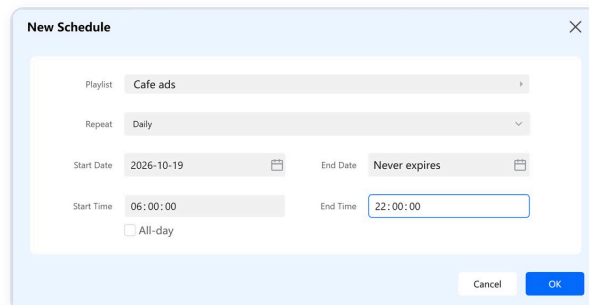


USB Playback saves the playlist to a stick.

6 Play at set times Optional

A schedule plays a playlist only when you want, such as during opening hours, every day or on set days.

- 1 Click **Schedules** at the top, then the **+** next to Schedules. Type a name, such as Opening hours.
- 2 Click **New** above the calendar.
- 3 Choose the Playlist, how it repeats (Never, Daily, Weekly or Monthly), the start and end dates, and the start and end times. Click OK.
- 4 The times show as blocks on the calendar. Click Save, then **Publish**.



New Schedule

Playlist: Cafe ads

Repeat: Daily

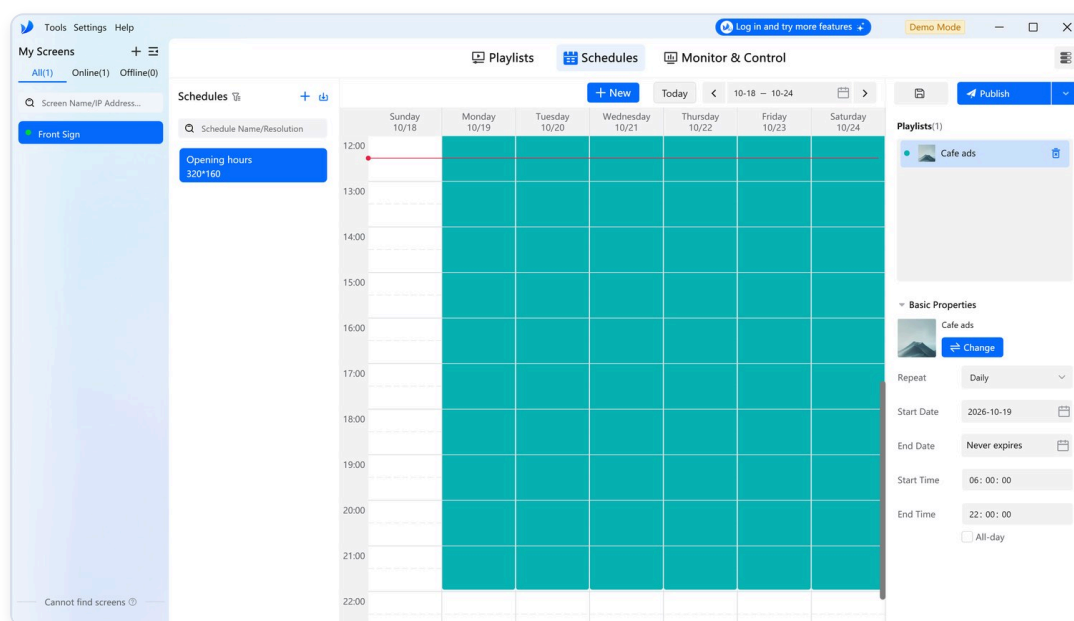
Start Date: 2026-10-19 End Date: Never expires

Start Time: 06:00:00 End Time: 22:00:00

☐ All-day

Cancel OK

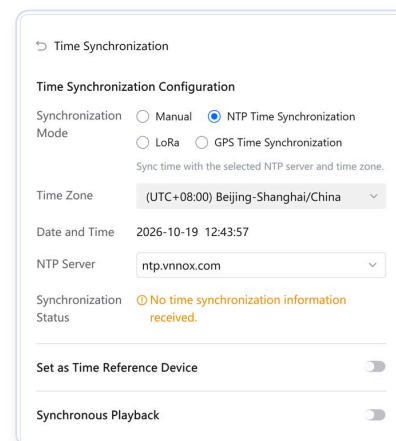
Cafe ads, every day from 6 am to 10 pm, with no end date.



The week view. Each block is a time the playlist plays.

7 Set the right time zone

- 1 Click your sign, then **Monitor & Control**, then **Time Synchronization**.
- 2 Choose **NTP Time Synchronization** if your sign is on the internet. If it isn't, choose **Manual** so the sign takes its time from your PC.
- 3 Open the Time Zone list and choose the **(UTC+08:00)** option for Perth, or the option for your own city. If it shows another city, such as Beijing, change it.
- 4 Click **Apply**. Do this before you use clocks or schedules.



Time Synchronization

Time Synchronization Configuration

Synchronization Mode: ☐ Manual ☒ NTP Time Synchronization

☐ LoRa ☐ GPS Time Synchronization

Sync time with the selected NTP server and time zone.

Time Zone: (UTC+08:00) Beijing-Shanghai/China

Date and Time: 2026-10-19 12:43:57

NTP Server: ntp.vnnox.com

Synchronization Status: ⚠ No time synchronization information received.

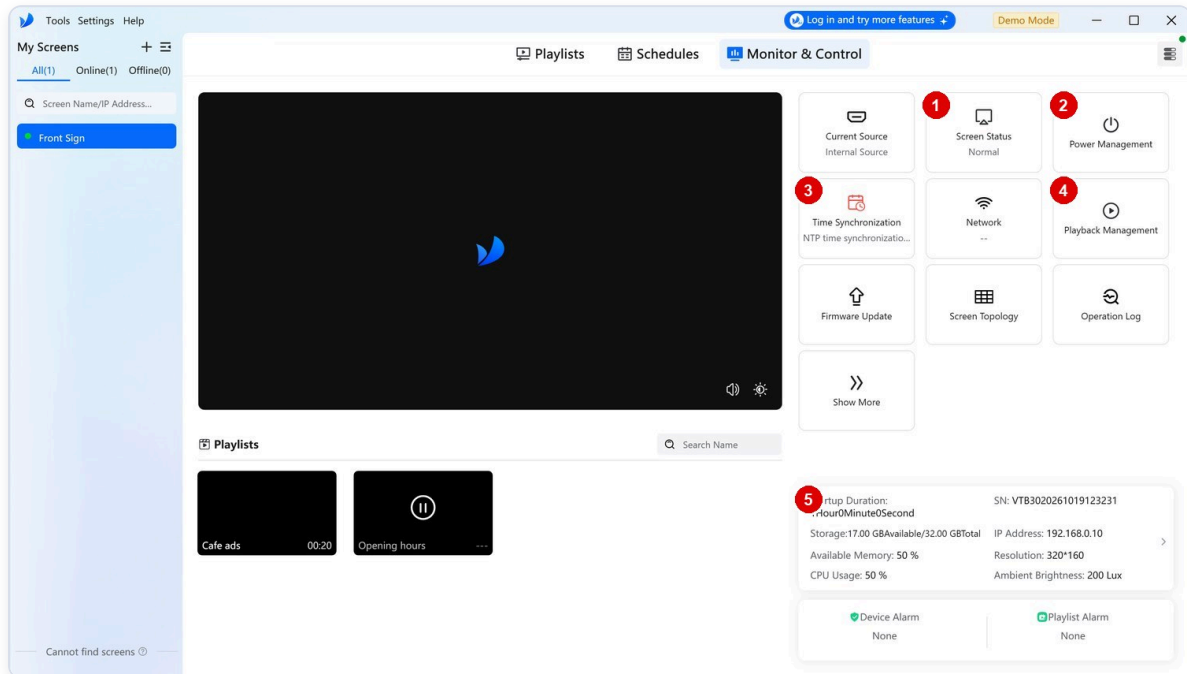
Set as Time Reference Device: ☐

Synchronous Playback: ☐

Time Synchronization

8 Control your sign

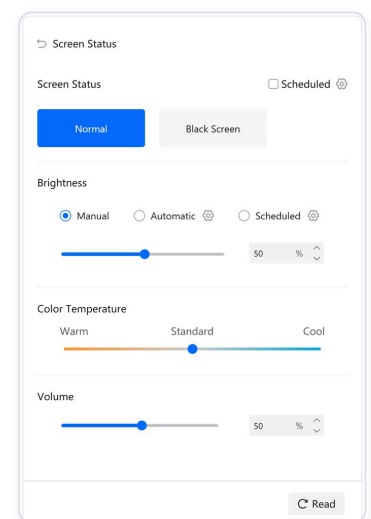
Click your sign under My Screens, then **Monitor & Control**. You see what the sign is showing and its details, such as storage, IP address and resolution.



- 1 Screen Status:** brightness, black screen, colour and volume.
- 2 Power Management:** restart the player, or switch power if a relay is fitted.
- 3 Time Synchronization:** keeps clocks and schedules right.
- 4 Playback Management:** what's stored on the sign.
- 5 Details:** IP address, storage, resolution and alarms.

BRIGHTNESS AND BLACK SCREEN

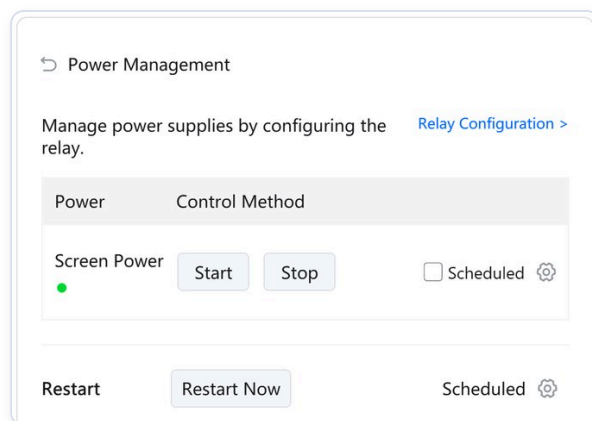
- 1** Click **Screen Status**.
- 2** Under Brightness, choose **Manual** and drag the slider, or **Scheduled** to set levels by time of day, such as dimmer at night. **Automatic** follows a light sensor, if one is fitted.
- 3** To blank the sign while the player stays on, choose **Black Screen**. Choose **Normal** to bring the picture back.
- 4** Volume and colour temperature are here too. Changes take effect straight away.



Screen Status

9 Restart the player

- 1 In Monitor & Control, click **Power Management**.
- 2 Click **Restart Now**. The sign goes blank for a short time while the player restarts, then comes back by itself.
- 3 Screen Power Start and Stop only work if iCatcher fitted a power relay.

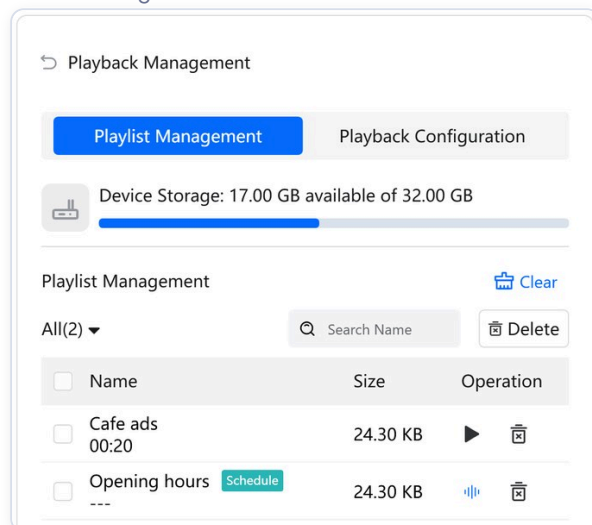


Power Management

10 See what's on the sign

- 1 In Monitor & Control, click **Playback Management**.
- 2 The list shows the playlists and schedules stored on the sign, with the storage left. Play or delete them here.

NOTE Leave Firmware Update, Screen Topology and Advanced Login to iCatcher. They change how the sign is set up.



Playback Management

11 Older players and ViPlex Express 3.0.5

If your player is an older model, or your PC runs Windows 7 or 8.1, use **ViPlex Express 3.0.5** from icatcher.com.au/downloads. It looks different from this guide:

- When it first opens, choose **Async Mode** and click **Open**.
- Your sign is on the **Screens** tab: click **Connect** next to it and type the password from iCatcher. To find a sign by its IP address, click **Search by IP Address** at the bottom left.
- Playlists are called **solutions**: click **Solutions**, then **New**, then **Regular Screen**, and enter a name and your sign's resolution.
- To publish, point at the solution in the list, click its publish button, tick your sign, click **Publish**, then **Done**.
- Monitor & Control is called **Control**. To blank the sign use **Control** › **Screen Status Control** › **Blackout**, and to restart use **Control** › **Restart Configuration** › **Restart Now**.
- Language, working mode and updates are under Settings (the gear) at the top right. Demo Mode is not in 3.0.5.

TIP Prefer your phone? NovaStar's **ViPlex Handy** app does the same jobs over Wi-Fi. Links are on our Downloads page.

12

Quick fixes

IF THIS HAPPENS

TRY THIS

My sign isn't under My Screens

Check the sign is switched on and its Wi-Fi antenna is fitted, your PC is on the sign's Wi-Fi or the same network, and any VPN is off. If Windows blocked ViPlex Express, allow it in Windows Security › Firewall & network protection › Allow an app through firewall. Then use + and Add Screen with the sign's IP address.

The dot stays orange

You're not logged in. Right-click the sign, choose Log In and type the password from iCatcher.

The dot is red

The sign still has its factory network address, so your PC can't log in to it. Call iCatcher.

Publish failed

Open the Publishing Center to see why, then try again.

The picture is stretched or cut off

The playlist size doesn't match the sign. Click Change to Screen Resolution in the editor.

The sign is black

In Screen Status, check Normal is selected (not Black Screen) and the brightness isn't 0.

The clock shows the wrong time

In Time Synchronization, set your time zone, choose NTP (or Manual if your sign isn't on the internet) and click Apply.

ViPlex Express won't install or open

Version 4.1.1 needs 64-bit Windows 10 (version 1809 or later) or Windows 11. If it installs but won't open, install the .NET 8 Desktop Runtime and the Visual C++ runtime from en.vnnox.com/download (under Documentation & Tools). On Windows 7 SP1 or 8.1, use version 3.0.5: it needs .NET Framework 4.6.1 and the Visual C++ 2017 runtime from the same page.



ViPlex Express 4.1.1 and 3.0.5, the ViPlex Handy app and all our guides are at icatcher.com.au/downloads.

Need help?

Stuck on a step or forgotten a password?
Get in touch and we'll help.



MOBILE
0416 053 335



PHONE
08 9335 7944



WEB
icatcher.com.au



EMAIL
info@icatcher.com.au



VISIT
Unit 2/328 Orrong Road, Welshpool WA 6106

Tell us which sign it is, what you were trying to do and what you saw on screen.