

Indoor P1.86 LED Poster Display

USER MANUAL

SKU: DGYPLED80

TABLE OF CONTENTS

BEFORE USE

Parts Description	1
Assembly	3

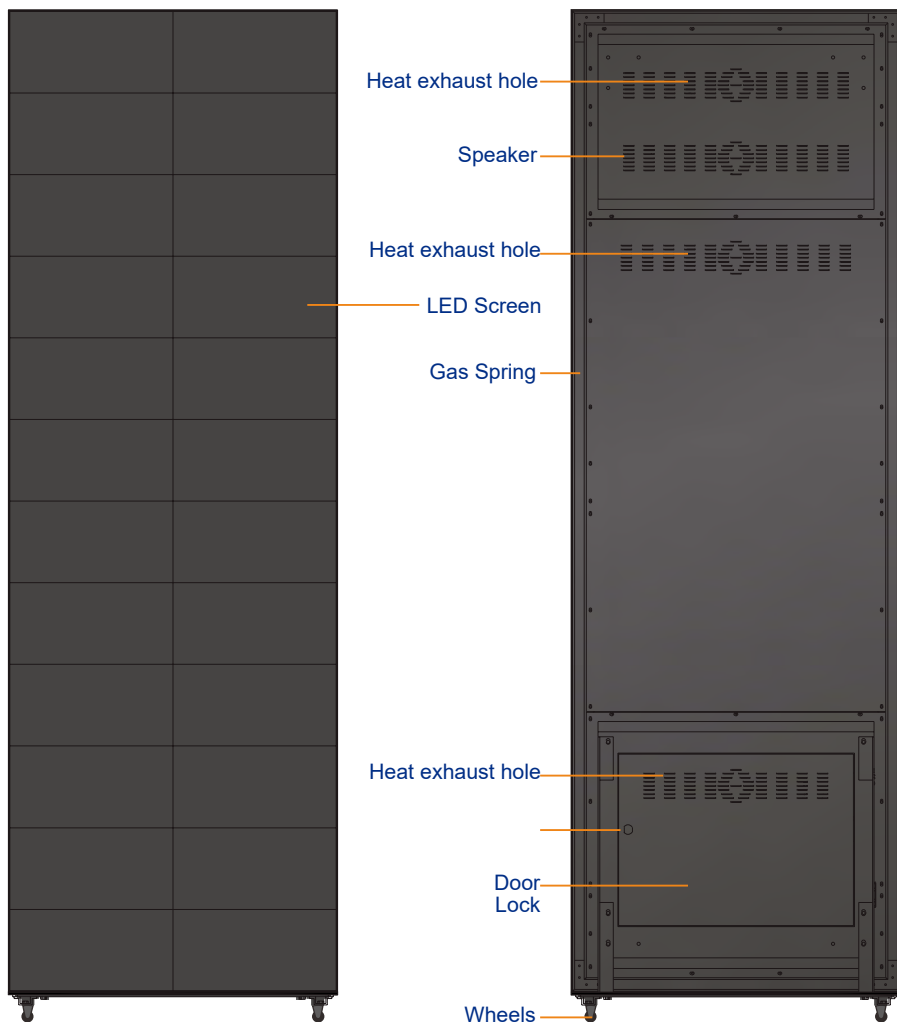
OPERATION

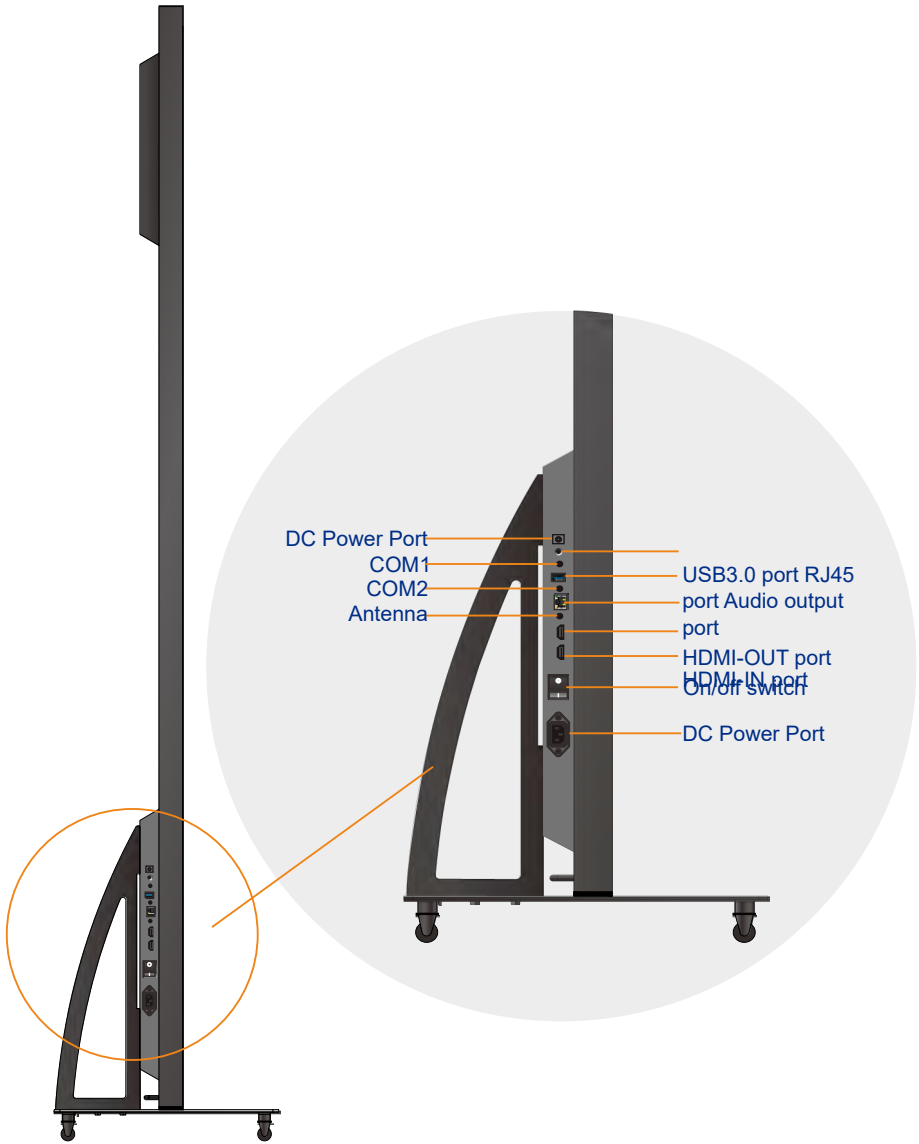
Power On/Off	4
IP Address	4
Instructions for Synchronous/Asynchronous Mode Switch	5
Display Media with ViPlex Express	6
Unit Connection Methods	10

REFERENCE

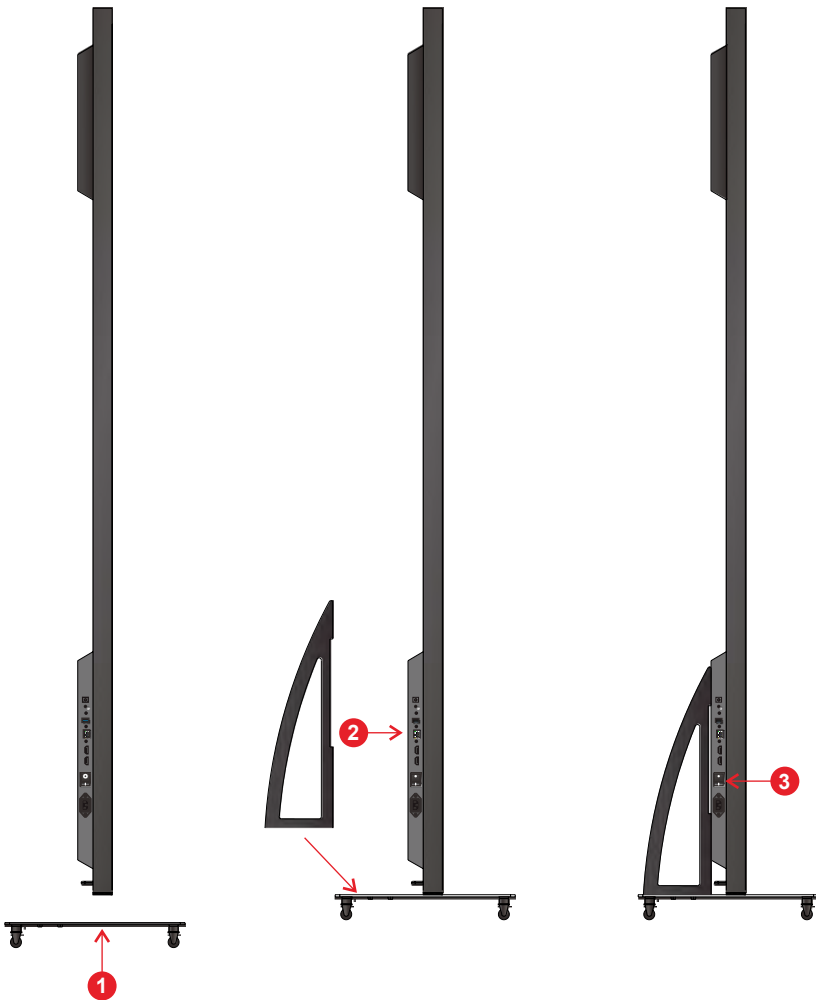
Technical Specifications	11
Cleaning and Maintenance	12
Names and Contents of Toxic and Hazardous Substances or Elements in the Product	13

Parts Description





Assembly Instruction



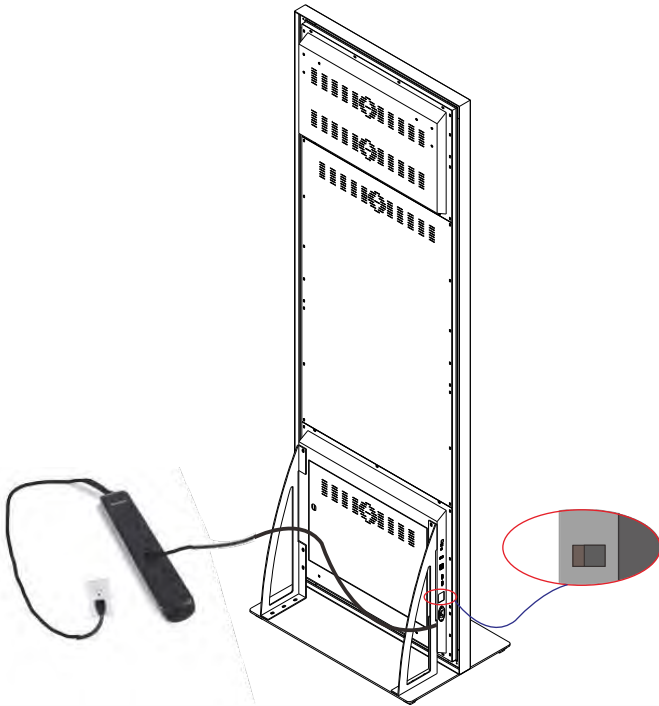
1- As shown in the picture, use a hexagonal wrench to tighten the base and body with 8pcs M6x16 hexagon socket head screws.

2- Use 12pcs M6X8 screws to x the two rear brackets to the base and back panel.
3- Plug in the AC power cord.

OPERATION

Power On/Off

Power on by inserting the power cord into unit and connecting to outlet. Turn screen on with I/O switch. After a brief pause, the LED screen lights up and the IP address is active. To display content, you must first load a playlist (see next page).



IP Address

The IP address of the unit is active after the unit is powered on. The Wi-Fi ID is 'AP' followed by your product ID number. See the information sticker on the bottom edge of the pedestal for your product ID and Wi-Fi details.

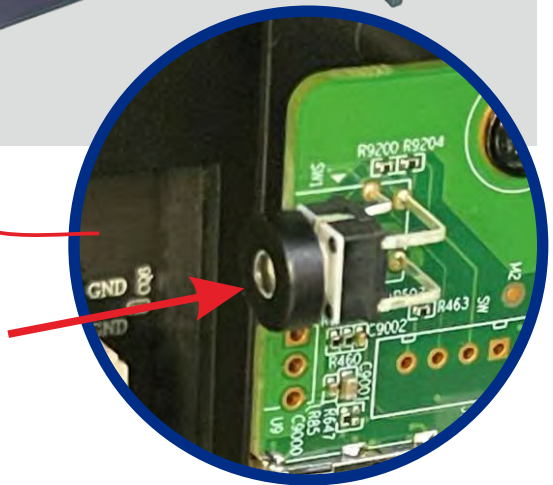
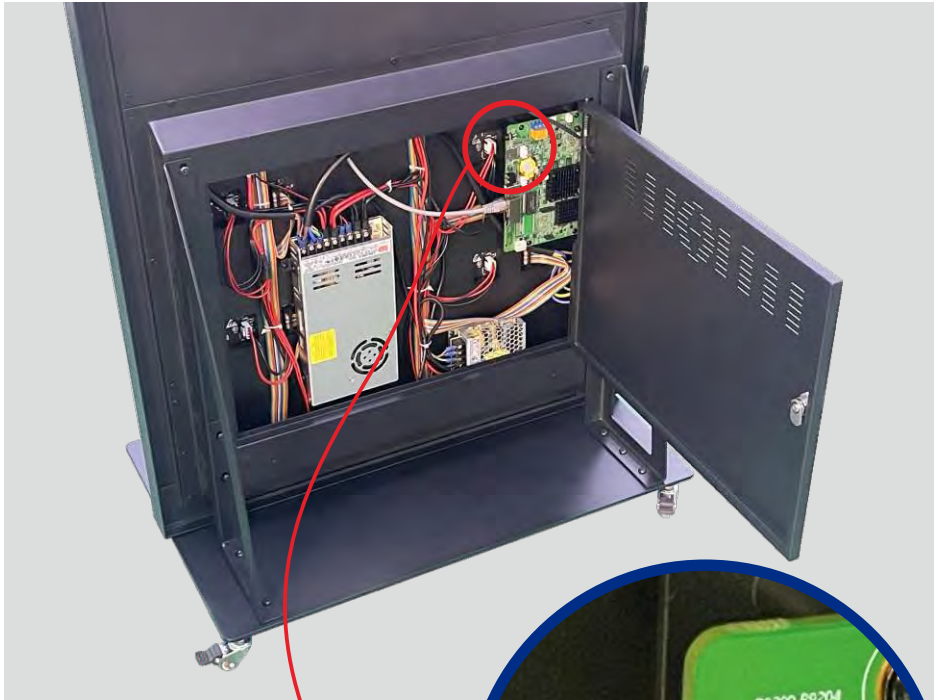
WiFi ID: AP-xxxxxxx

Password: SN2008@+

Instructions for Synchronous/Asynchronous Mode Switch:

Press the switch once to toggle the operating mode. If the indicator light stays on steadily, it indicates Synchronous Mode. If the indicator light remains off, it indicates Asynchronous Mode.

Note: Default shipping mode is asynchronous.



Display Media with ViPlex Express



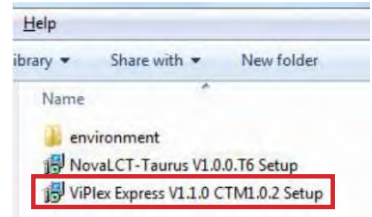
To display content, you first need to create and publish a content playlist, known as a ‘solution’ in ViPlex Express software. ViPlex Express is a program for creating, editing, and displaying content on your LED unit.

! **NOTE:** The ViPlex software appearance may vary from the screenshots included in this manual. Refer to the official ViPlex user manual on the product page for the most up-to-date visuals and instructions.

DOWNLOAD VIPLEX EXPRESS

INSTALL VIPLEX EXPRESS FROM USB

1. Insert the included USB into your PC and download ViPlex Express software.
2. Once installed, the software shortcut appears on your desktop. Click to open the software.



DOWNLOAD VIPLEX EXPRESS ONLINE

If your USB is not readily available, you can also download the software on its official website: www.novastar.tech/downloads

Click the Nova Cloud tab, then, scroll to ViPlex Express. Download and install either the ViPlex Express x32 or x64 software. You may also download the Studio Mode User Manual here or on the Displays2go product page for more details on how to operate the software.



! **NOTE:** Most modern computers are compatible with x64 software. Check your PC device specifications to determine your processor’s compatibility with either the x32 or x64 software.

After downloading, you’ll be asked to choose Async mode or Studio mode. Please refer to the Studio Mode and Async Mode user manuals on the product page as the mode selected will effect the available actions and user interface.

Studio Mode	Async Mode
Synchronously Play Content from a Connected Computer	Play Content from a Multimedia Player, Connected USB, or Wireless Playback.

LOG INTO VIPLEX EXPRESS

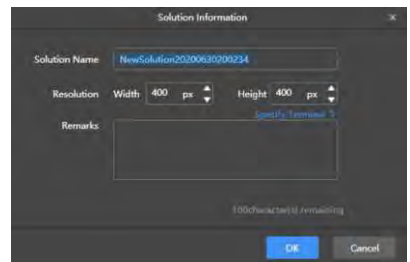
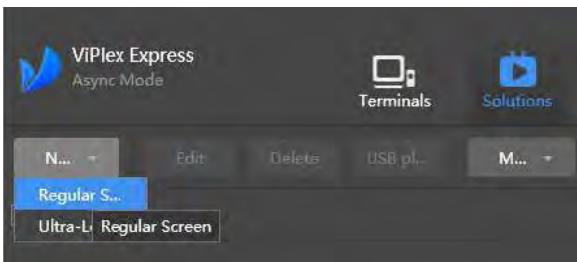
1. Open ViPlex Express application after powering the LED signage on. The IP addresses of all units appear listed in the Screen Management tab. Choose an available unit from the list, then click **Connect**.
Initial Username: **admin**
Initial Password: **SN2008@+**



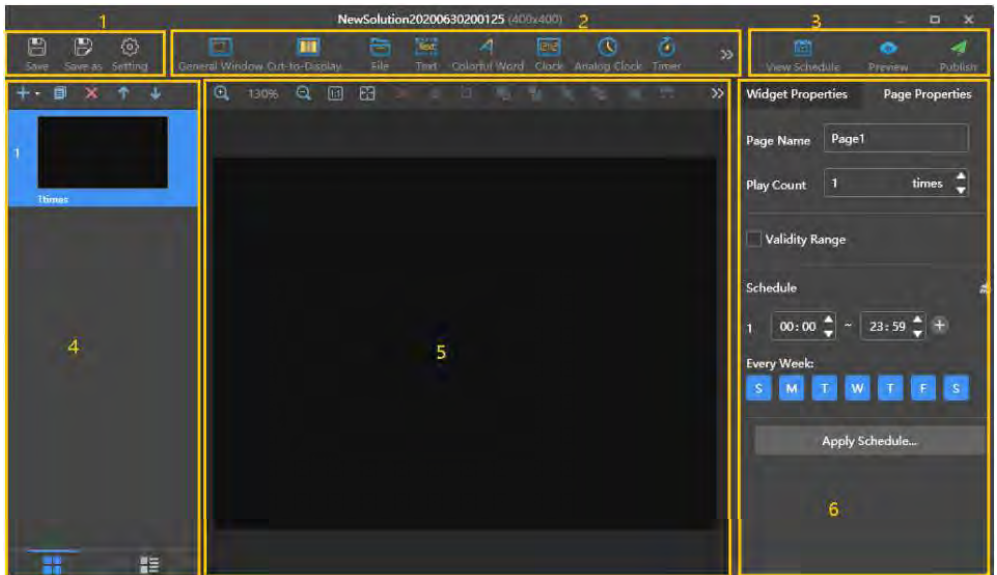
CREATE NEW SOLUTION

1. In the Solutions tab, click **New** in the top left corner, then click **Regular Screen**
2. Name the playlist and select the unit from the terminal list: **AP-xxxxxxx**
3. Click **OK**. The Solution Information dialog box appears.
4. Enter the dimensions for the solution and then click **OK**.
Width: **256**
Height: **384**

You can also set a resolution by clicking **Specify Terminal** and the resolution will be the same as the resolution of the terminal you select.



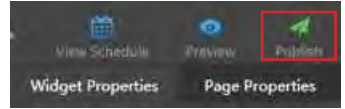
After clicking **OK**, the Solution Editing page opens. From here, you can add content, edit settings, and personalize the solution with widgets and customizations. With the page selected, add content from the **+** drop down menu in the **Window** menu in the sidebar, or use the tools in the ribbon, shown on the next page.



1	Save the solution, save a new copy of the solution, or edit solution settings.
2	Customize the page by adding media, text, widgets, and more. Click File to insert images or video on the page. NOTE: Image resolution must match solution resolution.
3	Publish the solution, view the solution in Preview mode, or view the scheduled playback of the solution.
4	Add, copy, delete, or reorder the pages in the solution. Use the down arrow next to Add to create or utilize page templates.
5	Page view. Edit and customize the individual page. Arrange content using the alignment tools in the ribbon.
6	<p>Widget Properties: Widgets are the media added to a page. The properties of different types of media vary. Click a widget to select it before editing its properties.</p> <p>Page Properties: Set the name, play count, validity range, and playback schedule of a page.</p> <ul style="list-style-type: none"> • Play Count: Set the number of times to play a page continuously. • Validity Range: After this option is selected, the Start Date and End Date parameters are displayed. Expired pages will be skipped during solution playback. • Schedule: Allows you to specify the timeslots to play a page and select the days to repeat the playback. If the timeslots of different pages overlap, the pages will be played in order from top to bottom. • Apply Schedule: Allows you to apply the schedule of the current page to other pages. You can select multiple pages and apply a schedule to them at the same time.

PUBLISH SOLUTION

Publish your solution by clicking the green Publish icon. Once published, playlists can be shared to the unit via USB or network connection.



Connect via PC	Connect via Phone
IP Address, Ethernet, or USB	ViPlex Handy mobile app
Create, edit, and publish playlists	Display playlists only

PUBLISH VIA NETWORK CONNECTION

After clicking Publish, the Program Management tab opens.

Select the unit from Terminal Name list. Click Refresh if unit does not appear listed right away. Then, click Publish.

Connect to the unit's network to play solution (see next page for more).



PUBLISH VIA USB

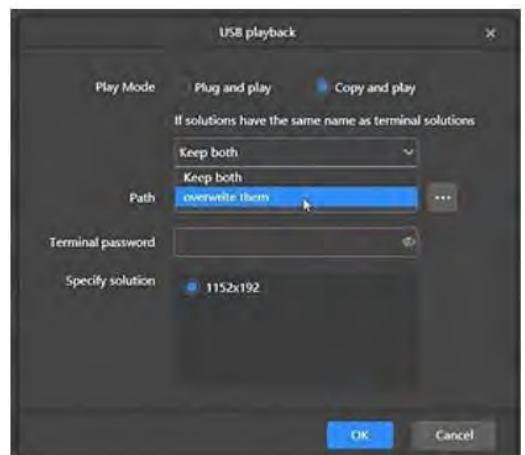
Insert a USB into your PC. In the Program Management tab, select the solution, then click Export to open the USB Playback window. USB Publishing has 2 options: Copy and Play, and Plug and Play.

- plug USB to copy the playlist Copy and Play: to the unit. The playlist will loop play with or without USB in. You must select Overwrite for this option
- Plug and Play: Plug USB to play; remove USB to stop.

2. In Path, select your USB in the file browser pop up window. Click OK .

3. In terminal password, enter the unit password.
NOTE: the default password is SN2008@+

4. Click OK to finish publishing to USB.



Unit Connection Method

CONNECT WIRELESSLY

1. Open Wi-Fi settings on your PC and find the unit IP address. The unit's IP address is "AP-" followed by the product ID number, which can be found on the Wi-Fi information sticker.
2. Enter the default network password: SN2008@+



CONNECT VIA ETHERNET

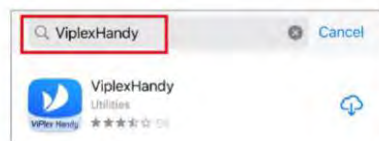
Insert Ethernet cable into Ethernet (RJ45) port of unit, then connect Ethernet to PC.

CONNECT VIA USB

Publish solution to USB in ViPlex Express (see previous page for instructions). Then, insert USB into USB port of unit. The solution plays automatically.

CONNECT VIA MOBILE PHONE

The ViPlexHandy mobile app allows you to display solutions you've created in ViPlex Express. To download the app to your mobile phone, scan the QR code below or search ViPlexHandy in your app store. Or, download from the official website: <https://www.novastar.tech/downloads>



1. **Disconnect PC and other devices before connecting on mobile app.**
2. Open your phone's Wi-Fi settings on the phone and connect to the unit's IP address. The unit's IP address is "AP-" followed by the product ID number, which can be found on the Wi-Fi information sticker.
3. Enter the default network password: SN2008@+

REFERENCE

Technical Specifications

Specification	
Item	Description
Model No.	DGYPLED80-P1.86
Panel	
Screen Size	1920(H)x640(W)mm
Screen Type (LED/LCD/Other)	LED Screen
Aspect Ratio	3 : 1
Light source	King Light LED, module with GOB treatment
Display Resolution	1032*344
Brightness	700 nits (Typ.)
Contrast	3000:1
Response	40ms
Pixel pitch	1.86mm
Refresh rate	≥ 3840z
Viewing angle	160° /140°
Color saturation	8 bit
Viewable area	1920(H)x640(W)mm
Chromaticness	RGB
Charging Adapter	
Input Voltage	AC100-240V
Hertz	50/60Hz
Power Consumption	About 650W
Environment	
Operating temperature	0-40°C
Storage temperature	-20-60°C
Operating humidity	10% RH to 80% RH
Storage humidity	0% RH to 90% RH
Maximum operating time	7x18Hrs
Functions	
Operating system	Android 11.0(Third-party software installation is not allowed.)
Speakers/Watts	8Wx2
Software (NovaStar,DiViEx,Other)	ViPlex Handy App, ViPlex Express
Processor	Nova Star TB40
RAM	1GB

ROM	32GB
Decoding resolution	1080P/4K
Playback mode	Loop
Touch support	Non-touch
Supported Video Files	MPEG2, MPEG4, H.264, RMVB, AVI, MPEG1,
Supported Photo Files	JPEG, BMP, PNG, GIF
Ports	
TF	N/A
Antenna(external,internal)	External
Ethernet LAN	1xRJ45
HDMI IN / HDMI OUT	1xHDMI-In,1XHDMI OUT
VGA	N/A
Headset	N/A
USB	1x USB3.0
SIM	N/A
Type-C	N/A
Structure	
Net Weight	About 50kgs
knockdown/fully assembled	knockdown
Gross weight	About 90kgs
Unit Dimensions (Width x Depth x Height)	1930x645x400mm
Package Dimension (Width x Depth x Height)	2040x335x890mm
Package Type(carton,case,honeycomb,crate)	flight case
Shell Material	Steel+aluminum
Shell Color	Black
General	
Application	Indoor

Cleaning and Maintenance

- Avoid strong vibration or impact on the product.
- Clean screen and product by using a glass cleaner.
- If the product will not be used for a long time, unplug the power cord to prevent the internal short circuit or other potential dangers.

Names and Contents of Toxic and Hazardous Substances or Elements in the Product

The table shows that the machine contains harmful substances inside. The data is provided by material suppliers and verified by the company according to the material type. Some materials contain harmful substances that can't be replaced in present technology. We are dedicated to improving this.

O: the content of the toxic and hazardous substances or elements in the part is lower than the limit specified in GB/T 26572-2011 standard.

x: the content of the toxic and hazardous substances or elements in the part is higher than the limit specified in GB/T 26572-2011 standard.

PART NAME	TOXIC AND HAZARDOUS SUBSTANCES OR ELEMENTS					
	Pb	Hg	Cd	Cr ⁶⁺	PBB	PBDE
Display		O	O	O	O	O
Shell	O	O	O	O	x	x
Circuit Board Assembly *		O	O	O	O	O
Wires	O	O	O	O	O	O
Metal Parts	O	O	O	O	O	O
Packaging Materials*	O	O	O	O	O	O
Remote Control		O	O	O	O	O
Speakers		O	O	O	O	O
Accessories*	O	O	O	O	O	O

*: Packaging materials include packaging box, styrofoam, etc.;

*: Circuit board assembly includes PCB and the electronic elements thereof;

*: Other accessories include instruction manual.

The EFUP of the product is ten years. The pollution control label is shown right.



The EFUP is valid only when the user operates in the normal conditions specified in the manual herein.

Waste Electrical and Electronic Products Recycling and Disposal Regulations

To protect the earth, if you do not need this product or its service life expires, please abide by your local Waste Electrical and Electronic Products Recycling and Disposal Regulations or send it to qualified local manufacturer for recycling.