

DS ledsign P5 SMD

DS ledsign P5 39x14 inch Programmable LED Sign Instruction Manual

Model: P5 SMD

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your DS ledsign P5 39x14 inch Programmable LED Sign. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.

2. PRODUCT OVERVIEW

2.1 Key Features

- **High-Resolution P5 LED Display:** Features a 5mm pixel pitch for clear text and animations.
- **Flexible Connectivity:** Supports content updates via WiFi for remote management and USB for offline transfers.
- **Durable Construction:** IP45 waterproof rating and aluminum casing ensure resilience against various weather conditions and temperatures (-20°C to 45°C).
- **Energy Efficiency:** Designed with low-power LED modules for reduced operational costs and an extended lifespan of over 100,000 hours.
- **Versatile Display Modes:** Supports both horizontal and vertical content orientation.

2.2 Technical Specifications

Specification	Detail
Model Number	P5 SMD
Dimensions (L x W x H)	39 x 14 x 0.39 inches
Item Weight	12.97 pounds
Material	Aluminum

Specification	Detail
Color	Black
Pixel Pitch	5mm (P5)
Connectivity	WiFi, USB
Ingress Protection (IP) Rating	IP45 (Waterproof)
Operating Temperature	-20°C to 45°C
Lifespan	100,000+ hours
Mounting Type	Door Mount, Wall Mount

3. SETUP INSTRUCTIONS

3.1 Unpacking and Physical Installation

1. Carefully remove the LED sign from its packaging. Inspect for any visible damage.
2. Identify the mounting points on the sign. The sign is designed for both wall and door mounting.
3. Securely mount the sign in your desired location using appropriate hardware (not included). Ensure the mounting surface can support the sign's weight (approximately 12.97 lbs).
4. Connect the power cable to the sign and then to a suitable power outlet.



Figure 1: The DS ledsign P5 39x14 inch LED sign displaying a festive "Merry Christmas" message. This image illustrates the sign's visual output and physical form factor.



Figure 2: The DS ledsign P5 39x14 inch LED sign showcasing a "SALE MEMORIAL DAY" message. This demonstrates the sign's ability to display various text-based advertisements.



Figure 3: The LED sign installed horizontally in a restaurant, displaying a vibrant pizza advertisement. This illustrates a typical installation scenario for commercial use.

3.2 Software Installation

To program your LED sign, you will need to install the control software. A USB flash drive with programming guides is typically included with your purchase. Alternatively, the software can be downloaded from the manufacturer's website.

1. Insert the provided USB flash drive into your computer or navigate to the manufacturer's official website (e.g.,

hdwell.com).

2. Locate the "Download" section, then select "Software" and find the latest version of the HDPlayer software.
3. Download and install the HDPlayer software on your computer. Follow the on-screen prompts to complete the installation.



Figure 4: Screenshot illustrating the process of downloading the HDPlayer software from the official HDwell website. Users should navigate to the 'Download' section and select the appropriate software version.

4. OPERATING INSTRUCTIONS

4.1 Initial Configuration with HDPlayer

1. Launch the HDPlayer software.
2. In the software, access the "Screen Parameters Setting" menu.
3. Set the "Device Type" to "Dseries" and select "D16".
4. Enter the correct width and height for your sign (e.g., 192 for width, 64 for height, corresponding to 39x14 inches). Refer to the product specifications for exact pixel dimensions.
5. If necessary, adjust the display rotation (e.g., 90 degrees for vertical orientation).

6. Confirm settings by clicking "OK".

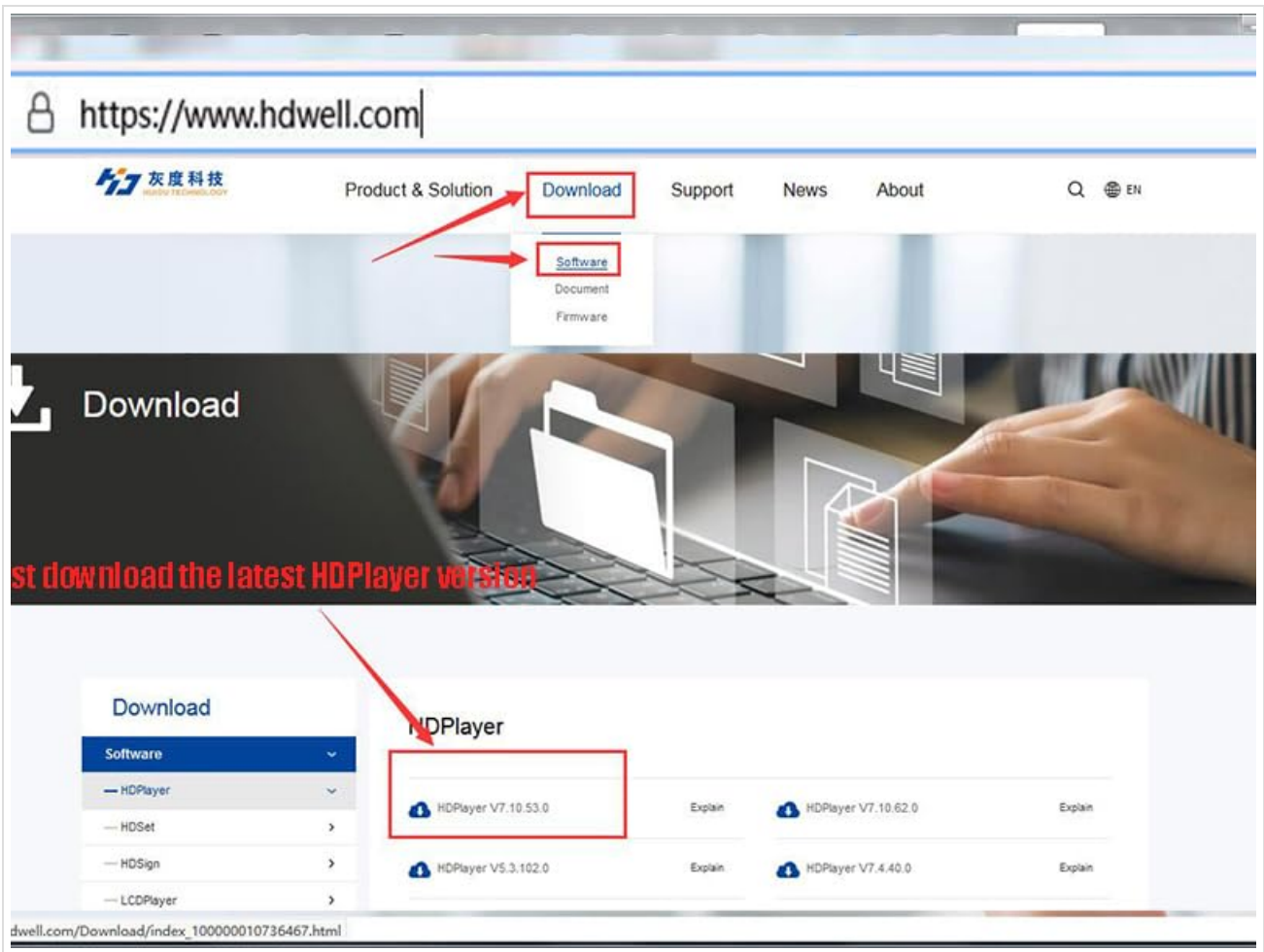


Figure 5: Screenshot of the HDPlayer software's 'Screen Parameters Setting' window. This shows where to configure the device type (Dseries, D16) and input the display dimensions (e.g., 192x64 pixels) for the LED sign.



Figure 6: Screenshot of the HDPlayer software's 'Screen Parameters Setting' window, specifically highlighting the rotation option. This allows users to adjust the display orientation, such as setting it to 90 degrees for vertical content.

4.2 Creating and Uploading Content

The HDPlayer software allows you to design various types of content, including text, images, and animations.

1. Use the software's interface to create your desired message or display content. You can customize fonts, colors, effects, and display duration.
2. Once your content is prepared, you can upload it to the sign using one of two methods:
 - **WiFi Connectivity:** Connect your computer to the sign's WiFi network (if available and configured) and use the software to send content wirelessly.
 - **USB Transfer:** Save your content to a USB flash drive. Insert the USB drive into the sign's USB port. The sign will automatically detect and copy the content.
3. After successful transfer, the sign will display a "Copy complete!" message.

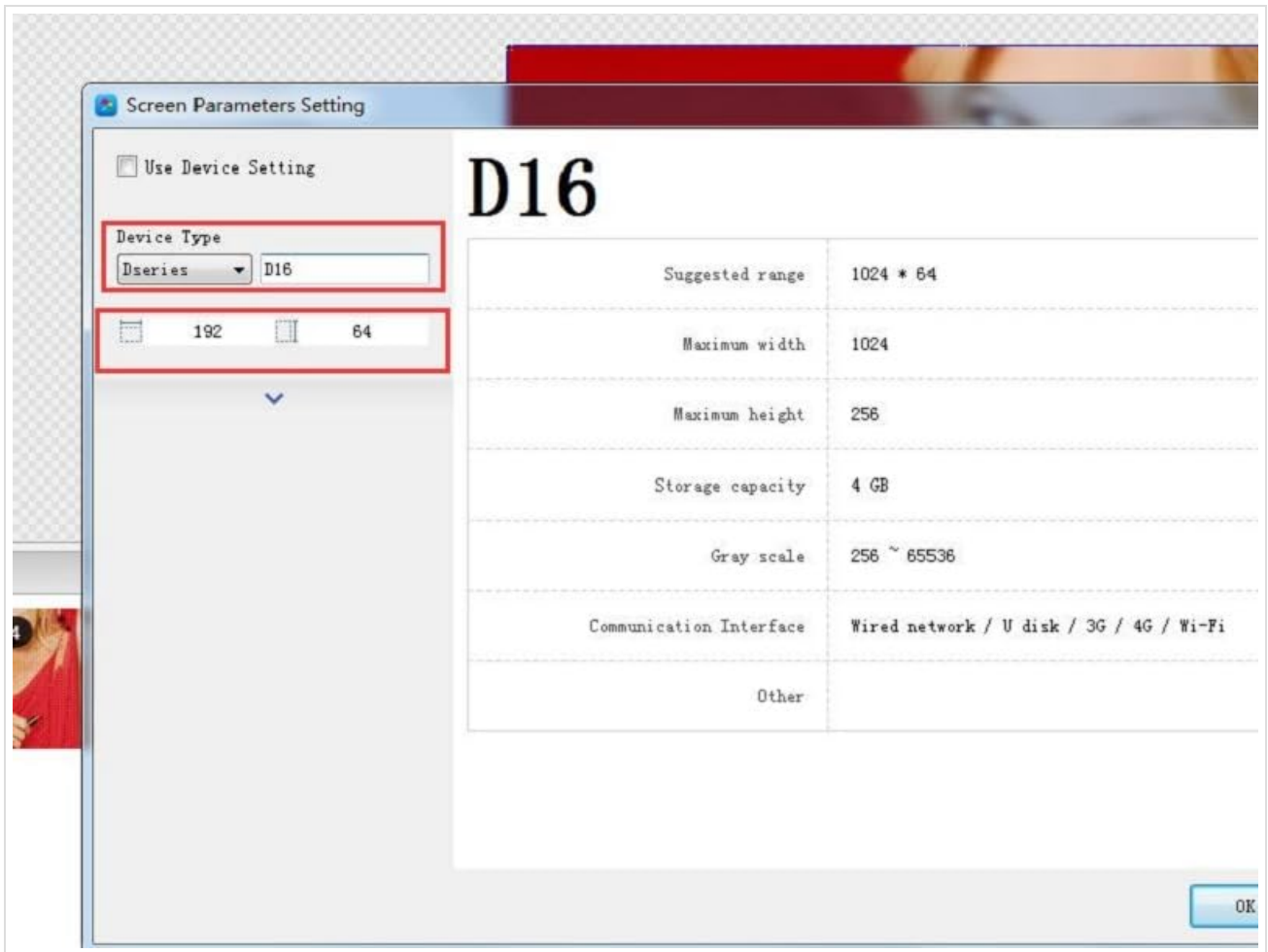


Figure 7: The LED sign displaying a "Copy complete!" message, indicating that new content has been successfully transferred and is ready for display.

**Switch display layout,
vertical or horizontal display can be switched**

Vertical Display

Figure 8: The LED sign displaying a "WELCOME come in WE'RE OPEN" message, demonstrating its use in a retail setting to attract customers.



Figure 9: The LED sign displaying a "Hot & Fresh Pizza Pizza" advertisement, highlighting its effectiveness for food service businesses.



Figure 10: The LED sign demonstrating its ability to switch between horizontal and vertical display layouts, showing a vertical image of a person drinking.

5. MAINTENANCE

The DS ledsign P5 LED sign is designed for durability and long-term performance with minimal maintenance. Regular cleaning and proper handling will help ensure its longevity.

- **Cleaning:** Periodically wipe the display surface with a soft, dry, lint-free cloth to remove dust and dirt. For stubborn marks, a slightly damp cloth with a mild, non-abrasive cleaner can be used, ensuring no liquid enters the internal components.
- **Environmental Conditions:** While the sign is IP45 rated for outdoor use, avoid direct exposure to extreme weather conditions beyond its specified operating temperature range (-20°C to 45°C) to maximize lifespan.
- **Power Management:** Ensure the sign is connected to a stable power source. Avoid frequent power cycling if not necessary.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your LED sign.

6.1 Display Issues

- **Sign is not powering on:**
 - Check if the power cable is securely connected to both the sign and the power outlet.
 - Verify that the power outlet is functional.
- **Display is blank or shows incorrect content:**
 - Ensure content has been successfully uploaded to the sign (check for "Copy complete!" message).
 - Verify that the correct program is selected for display in the HDPlayer software.
 - Check the screen parameters in HDPlayer (Device Type, Width, Height, Rotation) match your sign's configuration.
- **Content appears distorted or rotated incorrectly:**
 - Review the "Screen Parameters Setting" in HDPlayer, specifically the rotation setting. Adjust as needed.
 - Ensure the content resolution matches the sign's pixel dimensions.

6.2 Connectivity Issues

- **Cannot connect via WiFi:**
 - Ensure the sign's WiFi module is active.
 - Verify your computer is connected to the sign's specific WiFi network.
 - Check for any firewall or network settings on your computer that might block the connection.
- **USB transfer not working:**
 - Ensure the USB flash drive is properly formatted (FAT32 is commonly supported).
 - Verify that the content file is correctly saved on the USB drive.
 - Try a different USB port on the sign or a different USB drive.

7. WARRANTY AND SUPPORT

Your DS ledsign P5 Programmable LED Sign comes with comprehensive support and warranty coverage.

- **Warranty:** A 2-year warranty covers manufacturing defects and ensures reliable performance.
- **Technical Support:** Lifetime technical support is available 24/7. For assistance with programming, troubleshooting, or any other inquiries, please contact DS ledsign customer service.
- **Resources:** Your purchase includes a detailed user manual (this document), video tutorials, and a USB flash drive containing programming guides to assist you with setup and operation.

