# HIKVISION

# Digital Signage

## Quick Start Guide

# TABLE OF CONTENTS

**Quick Start Guide**

**About this Manual**

This Manual is applicable to Information Release System.

The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the company website (http://overseas.hikvision.com/en/).

Please use this user manual under the guidance of professionals.

**Trademarks Acknowledgement**

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**Legal Disclaimer**

## Regulatory Information

## FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**FCC compliance:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

### FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment should be installed and operated with a minimum distance 20 cm between the radiator and your body.

### EU Conformity Statement

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, the LVD Directive 2014/35/EU, the RoHS Directive 2011/65/EU.

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info

2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

### Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (A)/NMB-3(A) standards requirements.

# Symbol Conventions

The symbols that may be found in this document are defined as follows.

| Symbol | Description |
|---|---|
| NOTE | Provides additional information to emphasize or supplement important points of the main text. |
| WARNING | Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results. |
| DANGER | Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury. |

# Chapter 1 Product Introduction

Digital signage (hereinafter referred to as the terminal) displays are used to broadcast information, release news, and advertise products, etc, working together with other related products, such as information release servers and information release system, or the digital signage lite. Digital signage displays are divided into two types according to the appearance: wall-mounted displays and standing displays, which are widely applied to industries such as entertainment, finance, and transportation. The adapted display connected to the is equivalent to the digital signage. The following instructions are subject to the digital signage.

# Chapter 2 Typical Application

This chapter describes two typical application scenes for your reference. The two scenes are different and require different configuration of your terminals. Please strictly follow the operation instructions described in the following sections.

Refer to the following table for the detailed description of the scene 1.

Table 2-1 Scene 1 Description

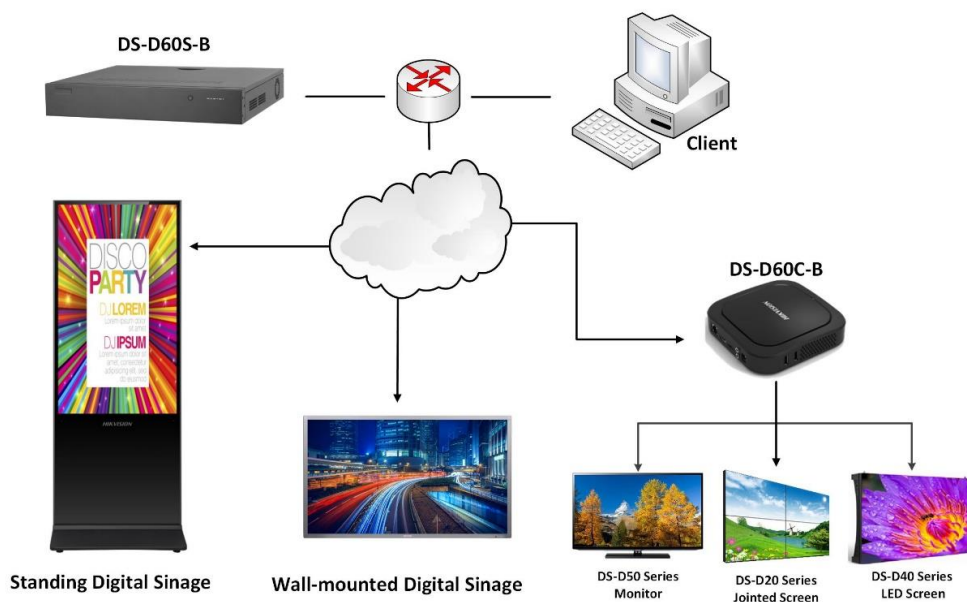| Feature | Description |
|---|---|
| Elements | Server: Information Release Server (DS-D60S-B) <br> Client: Information Release System Client <br> Terminal: Digital Signage |
| Terminals Supported | ≥ 30 |
| Key Function | Multiple users are allowed for the server. <br> Access the server through the client. <br> Manage terminals through the server. <br> Upload materials to the server. <br> Edit programs. <br> Create and schedules to terminals. |



Figure 2-2 Scene 1

Refer to the following table for the detailed description of the scene2.

Table 2-2 Scene 2 Description

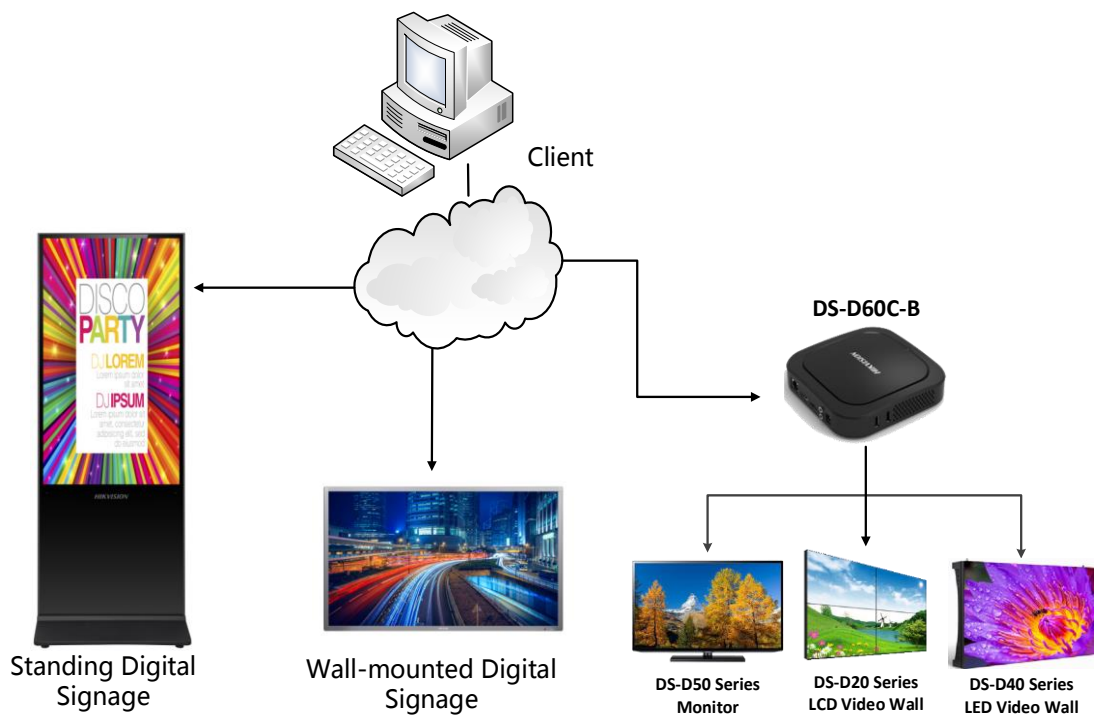| Feature | Description |
| --- | --- |
| Elements | Client: Digital Signage Lite<br>Terminal: Digital Signage |
| Terminals Supported | ≤ 30 |
| Key Function | Only one user is allowed for the client.<br>Manage terminals on the client.<br>Edit programs on the client.<br>Create and schedules to terminals. |



Figure 2-3 Scene 2

# Chapter 3 Activation

This chapter describes activation methods in two scenes. The way of activation in two scenes is different. Please select activation methods according to the scenes.

## 3.1 Activation for Scene One

### 3.1.1 Activate on the Client

***Before you start:***

Your computer used for running the client is on the same network segment with the terminal.

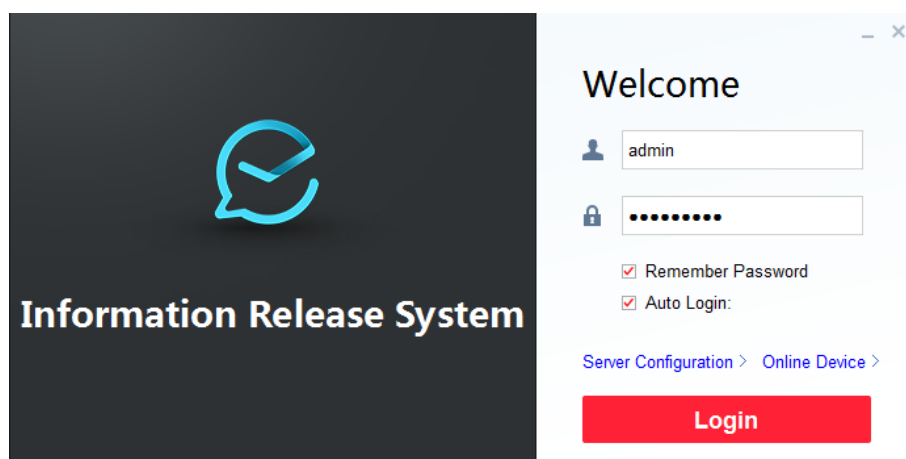**Step 1** Run client software.



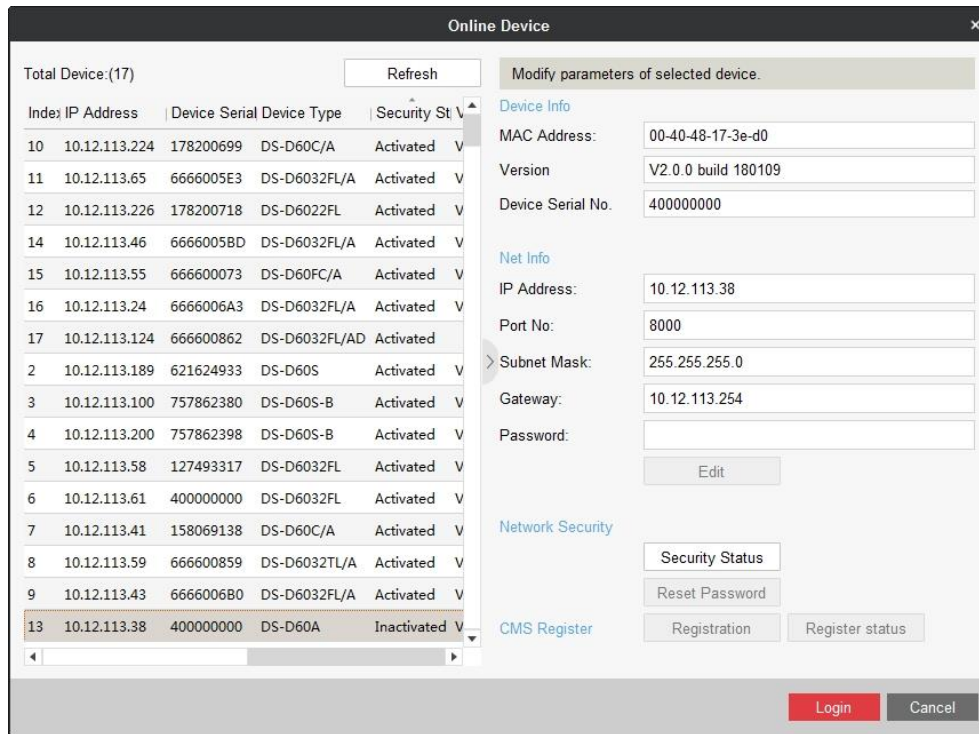Figure 3-1 Login

**Step 2** Click **Online Device**.

Figure 3-2 Online Device

**Step 3** Select terminal to activate and click **Security Status**.


Figure 3-3 Network Information

**Step 4** Enter Password, enter the same password in Confirm Password text-field, and click **Apply**.


Figure 3-4 Terminal Activation

## 3.1.2 Activate on the Terminal

**Step 1** Power on the terminal.

**Step 2** Click **ACTIVATE** on activation interface.

**Step 3** Enter password and confirm password.

**Step 4** Click **ACTIVATE**.

## 3.1.3 Reset Password on the Client

![NOTE]

You are highly recommended to reset password with the help of our technical support.

**Step 1** Click **Export** to export the restoration file and send the file to our technical support.



Figure 3-5 Reset Password

**Step 2** Technical support will send you back a file. Click **Import** and select the file.

**Step 3** Enter Password, enter the same password in Confirm Password text-field, and click **OK**.

## 3.2 Activation for Scene Two
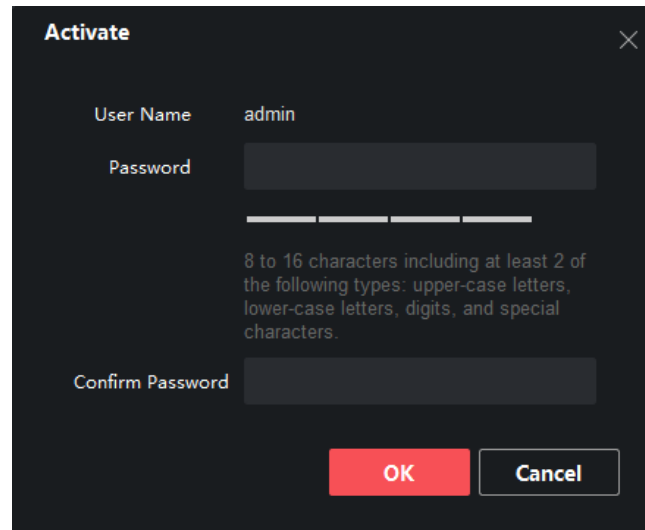
### 3.2.1 Activate on the Client

*Before you start:*

- Your computer used for running the client is on the same network segment with the terminal.
- Your terminal needed to be activated is on.

**Step 1** Go to **Terminal Management**.

**Step 2** Click ⌃ on the lower-right corner.

**Step 3** Select the terminals to activate.

**Step 4** Click **Activate**.

Figure 3-6 Activate Terminal

**Step 5** Set the terminal password and confirm password.

**Step 6** Click **OK**.

## 3.2.2 Activate on the Terminal

The way of activation on the terminal is the same in two scenes. To activate on the terminal, refer to *3.1.2 Activate on the Terminal*.

# Chapter 4 Registration

This chapter describes registration methods in two scenes. The way of registration in two scenes is different. Please select registration methods according to the scenes.

## 4.1 Register Terminals for Scene One

### 4.1.1 Register on the Client

***Purpose:***

To register terminals to the information release server (hereinafter referred to as the server).

***Before you start:***

● You have activated your terminals.

● Your computer used for running the client is on the same network segment with the server.

**Step 1** Run the client software.

**Step 2** Click **Online Device**.



Figure 4-1 Online Device

**Step 3** Select an activated terminal and click ⟨Registration⟩.
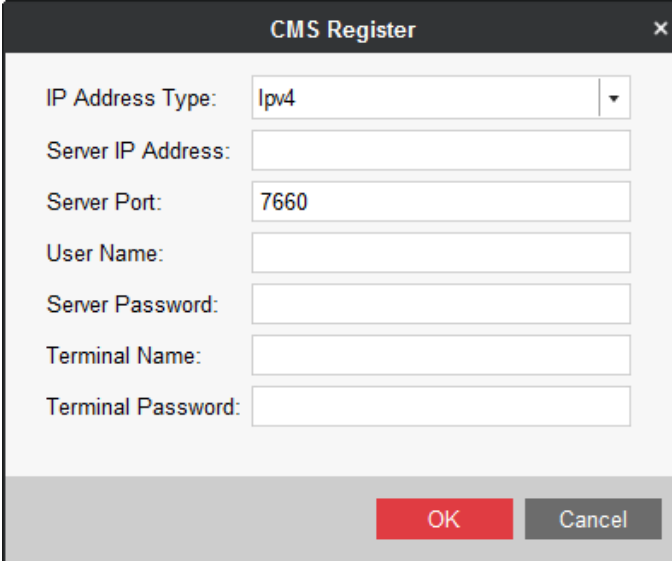
Figure 4-2 CMS Register

**Step 4** Enter server information, including Server IP Address, Server Port, server User Name, and Server Password.

![NOTE]

The server port is 7660 by default. You can change the server port as needed.

**Step 5** Enter a custom Terminal Name.

**Step 6** Enter the Terminal Password.

**Step 7** Click **OK**.

**Step 8** Optionally, click [Register status] and enter Terminal Password to check registration status.

## 4.1.2 Register on the Terminal

You can register your terminals on themselves.

![NOTE]

If your terminal is touchscreen, you can operate the terminal with your figure and skip Step 1.

**Step 1** Attach a mouse.

**Step 2** Click on the side of the screen.

**Step 3** Enter screen-saving password.

**Step 4** Click **Confirm**.

**Step 5** Click on the sidebar.

**Step 6** Set server parameters.

Table 4-1 Server Parameters

| Parameter | Description | Example |
|---|---|---|
| Device name | User defined | Device 1 |
| IP address | Server IP | 10.11.5.224 |
| Port | Server Port | 8000 |
| Username | Server username | admin |
| Password | Server password | Qaz1234 |

**Step 7** Click **Save**.

# 4.2 Register Terminals for Scene Two

## 4.2.1 Register on the Client

### Register Terminals in the Same Network Segment

***Before you start:***

The terminal and the client are in the same network segment.

**Step 1** Go to **Terminal Management**.

**Step 2** Click ⬆ on the lower-right corner.

**Step 3** Select the terminals to register.
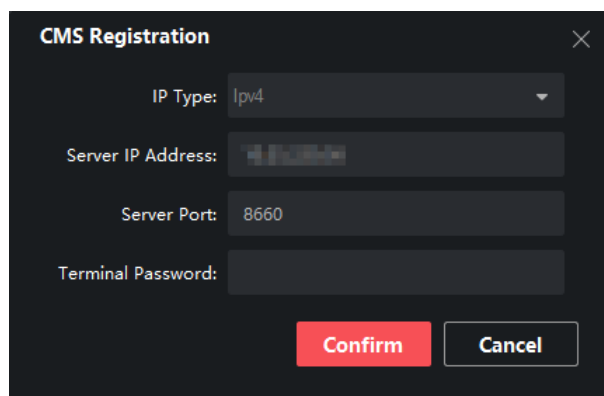
**Step 4** Click **CMS Registration**.



Figure 3-2 CMS Registration

**Step 5** Set IP type, IP address, and server port.

**Step 6** Enter terminal password.

**Step 7** Click **OK**.

**Step 8** Optionally, click **Acquire Registration Status** to view terminal registration status.

## Register Terminals by IP Address

**Step 1** Go to **Terminal Management**.
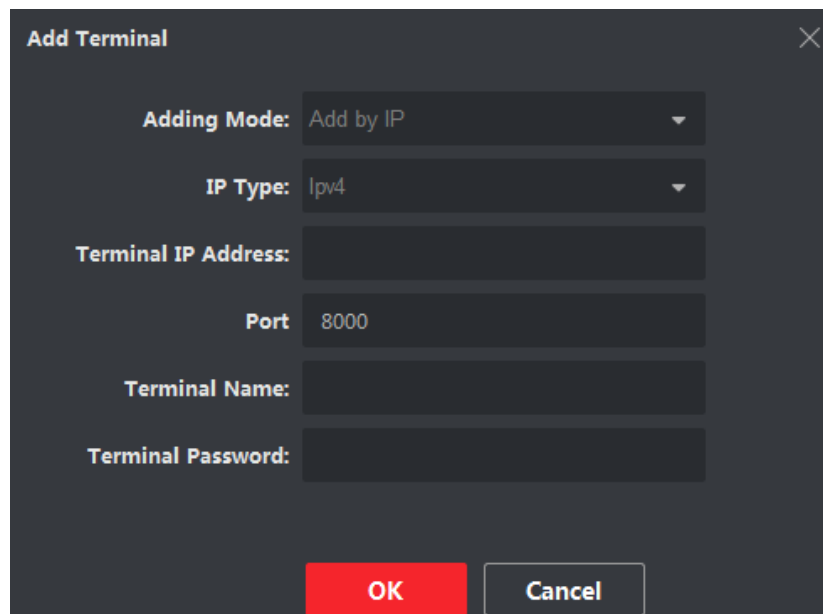
**Step 2** Click **Add Terminal**.



Figure 4-3 Add Terminal

**Step 3** Select **Adding Mode** as **Add by IP**.

**Step 4** Enter **Terminal IP Address** and **Port**.

**Step 5** Enter **Terminal Name** and **Terminal Password**.

**Step 6** Click **OK**.

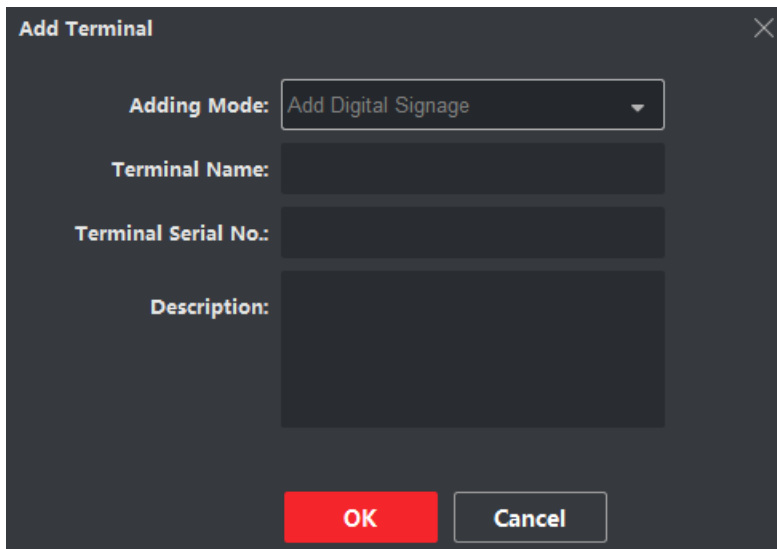## Register Terminals by Serial No.

***Before you start***

1. Enter information release software in your terminal.

2. Click  on the sidebar to obtain terminal serial No.

**Step 1** Click **Terminal Management**.

**Step 2** Click **Add Terminal**.

**Step 3** Select **Adding Mode**.



Figure 4-4 Add Terminal by Serial No.

**Step 4** Enter **Terminal Name**, **Terminal Serial No.** and **Description**. Description is optional.

**Step 5** Click **OK.**

**Step 6** Register the computer where information release client to terminal.

1) Enter information release software in terminal.

2) Click  on the sidebar.

3) Enter the information of the computer and information release client on the server configuration interface.

4) Click **Save**.

## 4.2.2 Register on the Terminal

The way of activation on the terminal is the same in two scenes. To activate on the terminal, refer to *4.1.2 Register on the Terminal*.

# Chapter 5 Terminal Software

Please start the information release software on your terminals manually if the software does not start automatically. Click ◀ on the side of the screen to expand the sidebar.

Table 5-1 Description of Terminal Software Sidebar

| Icon | Description | Icon | Description |
|------|-------------|------|-------------|
| 🏠 | Back to Desktop | ↩ | Back to Previous Menu |
| ⚙ | Open System Setting | ▤ | Open Server Settings |
| 🔒 | Lock the Screen | 📄 | View the Terminal Information |

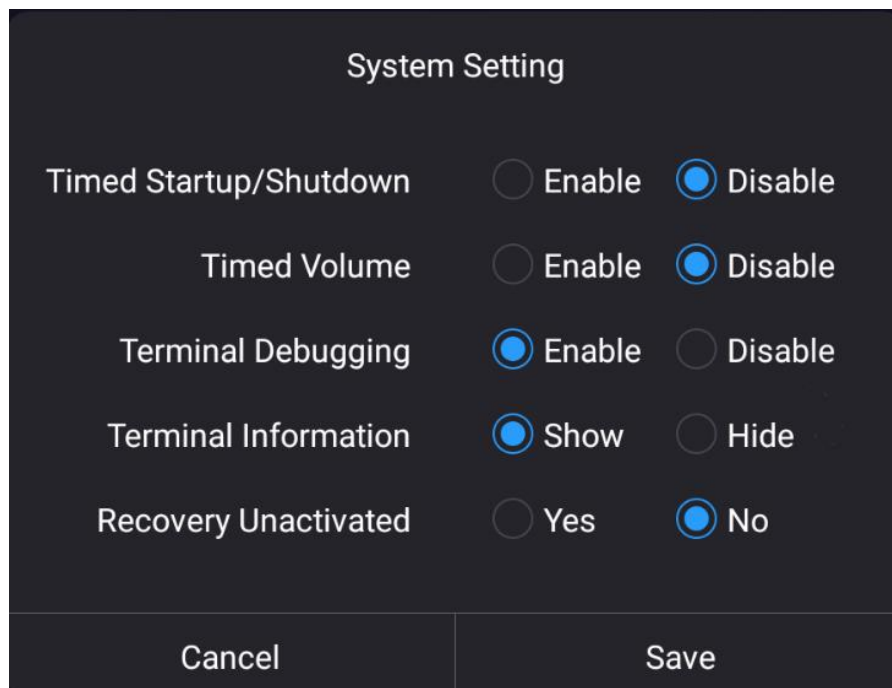See the following figure for the functions of system settings.



Figure 5-2 System Settings

Table 5-2 Functions of System Settings

| Function | Description |
|---|---|
| Timed Startup/Shutdown | If the terminal has the scheduled startup/shutdown. Click **Enable/Disable** to enable/disable the scheduled startup/shutdown. |
| Timed Volume | If the terminal has the scheduled volume. Click **Enable/Disable** to enable/disable the scheduled volume. |
| Terminal Debugging | Enable/Disable terminal debugging. |
| Terminal Information | Show/Hide terminal information |
| Recovery Inactivated | Click **Yes** and the terminal will restore to the inactivated status. |

# Chapter 6 Remote Control Operations

## 6.1 Remote Control One

### 6.1.1 Functions of Remote Control Keys

Table 6-1 Remote Functions

| Appearance | Key | Description |
|---|---|---|
| | 1 | Power on/off |
| | 2 | Number |
| | 3 | Freeze the screen |
| | 4 | Desktop |
| | 5 | Directional button OK System settings |
| | 6 | Volume |
| | 7 | Signal source |
| | 8 | Terminal information |
| | 9 | Back |
| | 10 | Change the signal source |
| | 11 | Brightness |
| | 12 | Server information |
| | 13 | Delete |
| | 14 | Reserved |
| | 15 | Mute |
| | 16 | Screen capture |

**NOTE**

- For DS-D6055UN-B (55-inch 4K Information Release Screen), When Information release software is running, press F1 to show information such as device No.

- The No.10 Key becomes effective only when Information Release System is in TV Setting Mode.

## 6.1.2 Operation of Remote Control

For DS-D6055UN-B and DS-D6055FN-B models of the digital signage, aim at the screen center with the remote control, as shown in Figure 6-1. For other models, aim at the bottom of the screen.
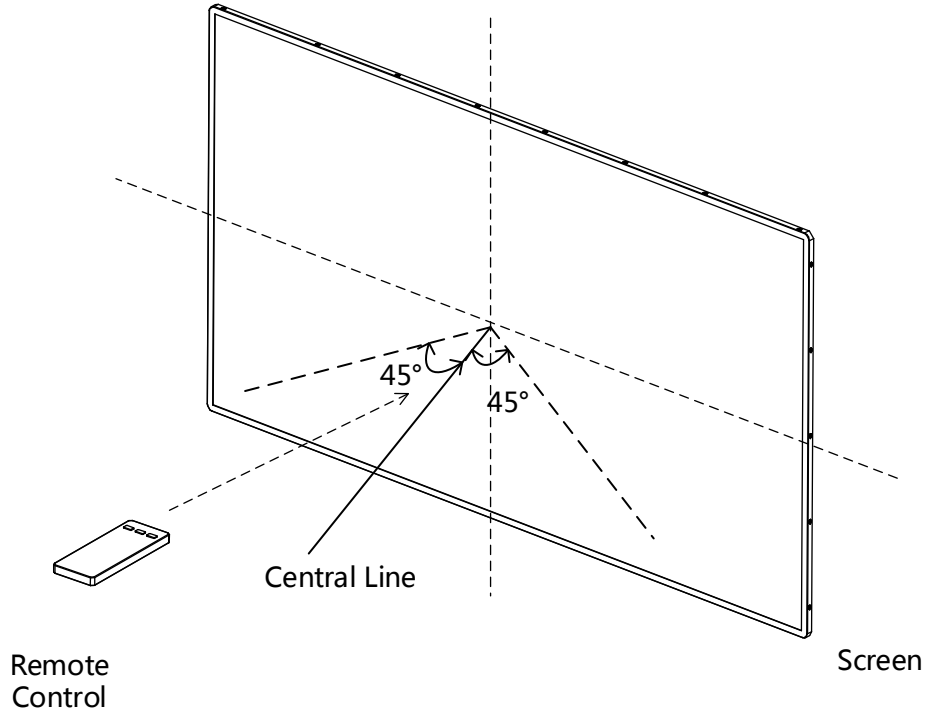


Figure 6-1 Operation of Remote Control

**NOTE**

- The picture of the remote control in Figure 6-1 is for illustration purpose only. See 6.1.1 Functions of Remote Control Keys to get more information of the keys.
- You should operate the remote control within an angle of ±45° when aiming at the screen center. Otherwise, the screen does not respond.

## 6.2 Remote Control Two

Remote Control 2 applies 433 wireless application protocol.

## 6.2.1 Functions of Remote Control Keys

Table 6-2 Remote Functions

| Appearance | Key | Description |
|---|---|---|
|  |  | Power On/Off |
| |  | Back |
| |  | Delete |
| |  | Direction |
| | OK | OK |
| |  | Mute |
| | — | Decrease Volume |
| | + | Increase Volume |

## 6.2.2 Remote Control Mode

A remote control is divided into two modes: 1-1 mode and 1-N mode.

● 1-1 mode: a remote control is bound to one terminal.

● 1-N mode: a remote control is unbound to any one single terminal.

 NOTE

A remote control is in 1VN comparison mode by default.

Table 6-3 Remote Control Mode Description

| Mode | Description |
|---|---|
| 1-1 Mode | The remote control only can control the terminal bound to it. |
| 1-N Mode | The remote control can control any unbound terminals. |

## 6.2.3 Bind a Remote Control to a Terminal

***Purpose:***

After being bound to the remote control, the terminal cannot be controlled by any other remote controls and the remote control cannot control any other terminals.

**Step 1** Long press [⬑] key and [—] key on the remote control at the same time until the terminal pops up the verification code.

**NOTE**

The system pops up a box for you to enter the verification code only when your terminals are unbound to any remote controls.

**Step 2** Enter the verification code of the desired terminal.

**Step 3** Long press [⬑] key and [+] key at the same time until the system pops up the success message.

## 6.2.4 Unbind a Remote Control from a Terminal

***Purpose:***

After being unbound from the remote control, the terminal can be controlled by any unbound remote controls and the remote control cannot control any unbound terminals.
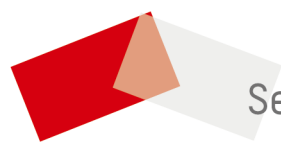
Long press [⬑] key and [—] key at the same time until the system pops up the success message.

**NOTE**

After you press the keys on the remote control, the terminal may not receive the unbinding request due to some reasons, such as device power-off or weak signals. In such cases, the remote control will be unbound from the terminal immediately while the terminal remains bound until it receives the request.

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See Far, Go Further