

H25077英文说明书AH2: 0106010022531

材质: 157g 铜版纸

尺寸: 100x138mm

装订方式: 骑马钉

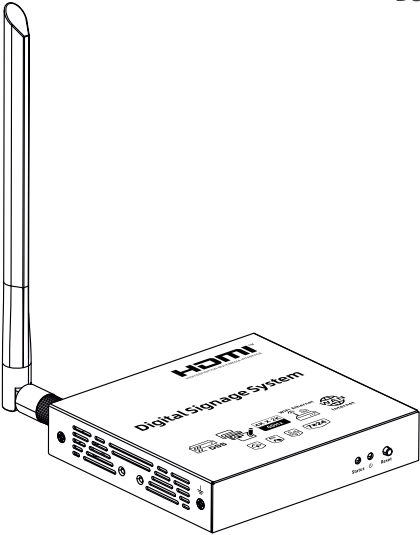
Disclaimer

The product name and brand name may be registered trademark of related manufactures. ™ and ® may be omitted on the user manual. The pictures in this user manual are just for reference. We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.

User Manual

Digital Signage System

——DSS Terminal



The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

• Important Safety Instructions:

1. To prevent electric shock, please ensure that all devices are properly grounded.
2. Do not place this device near or over a radiator or heat register, or where it is exposed to direct sunlight.
3. Do not place the device on an uneven or unstable surface, the device may fall resulting in a malfunction.
4. Do not expose this device to rain or place it near water. Any liquid that goes into the device may cause a failure, fire, or electric shock.
5. If a third-party power supply is used, please ensure that the power supply specifications meet the product requirements.

• Introduction

This DSS terminal has powerful multimedia information distribution and audio and video processing capabilities. Combined with an APP, it forms a complete digital signage system. It enables you to easily manage and publish content remotely, facilitating efficient advertising campaigns. It supports editing and distribution of images and videos, and send advertisements via LAN or the Internet. It supports a maximum resolution of 4K and enables remote advertising publishing through WiFi and Ethernet connections. It also supports automatic loop playback via USB drive. This product is widely applicable to various venues, including shopping malls, airports, exhibitions, and restaurants.

• Features

- 1. Supports 4K@60Hz ultra high-definition advertising.
- 2. Supports remote management and advertising distribution by APP.
- 3. Supports multiple operating systems, such as Android, iOS, Windows, macOS, etc.
- 4. Supports insert a USB drive to play ads automatically in a loop.
- 5. Supports dual-mode networking via WiFi and Ethernet.
- 6. Data encryption ensures security.
- 7. Lightning protection, surge protection, ESD protection.
- 8. Stable 24/7 operation.

• Package Contents



DSS terminal x1



Antenna x1



Power Adapter
DC5V/2A x1



User manual x1



Mounting ear x2



Grounding
Screw x1

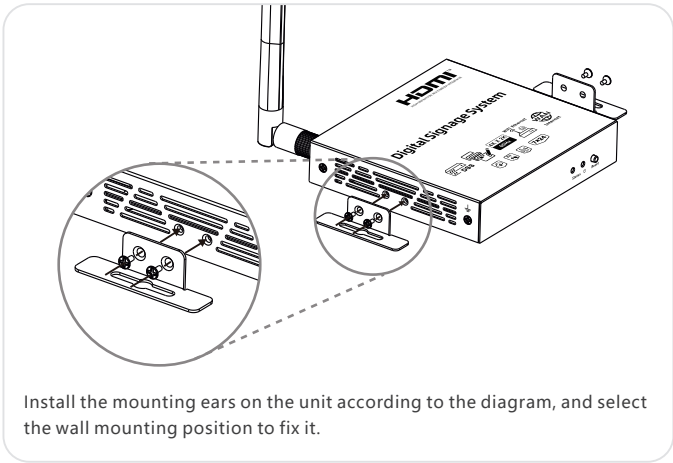


Screw x5

• Installation Requirements

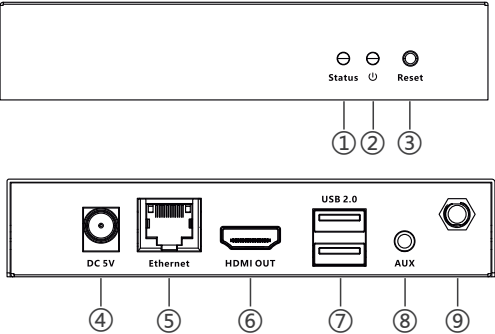
Item	Description	Requirement
Cable	Cat5e/6 or above, following standard IEEE-568B	CAT6/6A/7 ≤ 100m
Display	TV, projector, LED screen, etc. with HDMI port	HDMI cable ≤ 5m
Network switch	Connect DSS terminal through switch	100Mbps switches and above
Router	Connect to a router to access LAN or Internet	Bandwidth of 100Mbps or above

• Wall Mounting



Install the mounting ears on the unit according to the diagram, and select the wall mounting position to fix it.

• Panel Description



①	Status indicator	1) Light off: The transmitter and the receiver have not established a connection 2) Steady on: The video data is transmitting
②	Power indicator	Indicator lights up when power is applied
③	Reset	1) Press to restart the device 2) Press and hold for 5 seconds to restore factory settings
④	Power input	Input DC5V/2A power supply
⑤	LAN socket	Connect to an Ethernet network
⑥	HDMI out	Connect with HDMI display device
⑦	USB2.0 port	1) Connect with USB2.0/1.1 device, such as USB flash drive, keyboard, mouse, etc. 2) Used for firmware upgrading
⑧	AUX port	Connect to the audio device with 3.5mm stereo audio cable
⑨	Antenna	For WiFi connections

• Connection & Operation

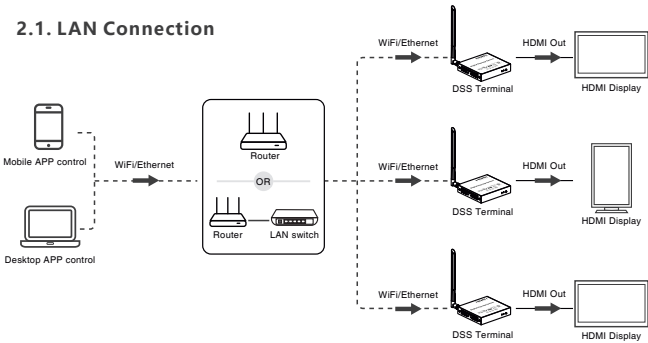
1. How to make a network cable, follow the standard of IEEE-568B:

- 1-white and orange 2-orange 3-white and green 4-blue
5-white and blue 6-green 7-white and brown 8-brown

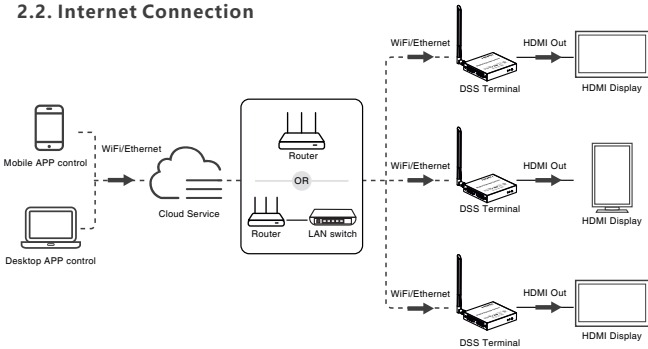


2. Connection

2.1. LAN Connection

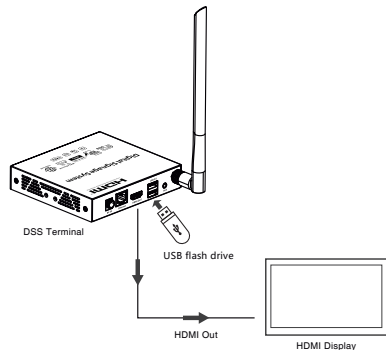


2.2. Internet Connection



2.3. Insert a USB drive to play ads automatically in a loop

When a USB flash drive is inserted, ads on the USB flash drive are played first.
When no USB flash drive is inserted, ads are played using the app.



I. Download APP

Download microdss APP from the website:
<https://microdss.com>

II. Network access

1. Connect the device to the display via an HDMI cable.
2. Connect the mouse/keyboard/USB flash drive to the USB port of the terminal.
3. Plug the power supply into the device and turn on the device.

III. Open APP

Register and log in as needed to use the account.

IV. Binding Terminal

Open the APP interface, go to the terminal details page, click "Terminal - Bind New Terminal", and enter the terminal ID or scan the terminal QR code to add it.

V. Creating Ads

Click "Create" to add images, videos, or other materials for ad creation. Adjust settings such as media playback duration, and full-screen display to customize your advertisement.

VI. Publish Ads

1. After adding materials, click "Go to Publish".
2. Select the target terminal(s) and click "Publish Now". The terminal display will show the ad download progress in the bottom-right corner. Once completed, the ad will automatically play during the scheduled time period.

• FAQ

- Q: Why does it take so long for the ad to show up after it's posted?
- A: 1) Check if your device's network connection is working properly.
2) See if the ad is downloading; you'll need to wait for it to finish downloading before it shows up.
3) Check if the ad has been successfully unzipped (you can check this in terminal storage/APP).
- Q: Why is there no signal input on the screen?
- A: Please check whether the HDMI cable is connected well.

Q: Why there is no sound when playing advertisements?
A: please make sure the audio output device is working properly and it is not muted.

Q: What to do if it is showing a device malfunction?
A: Try to check whether the HDMI cable is connected well or reboot the device.

Q: Why is the screen not responding?
A: It might be in firmware upgrade mode; you can turn it back on to get it back to normal.

Q: Why does the image sometimes go outside the screen when connected to a monitor?
A: This can be solved by setting:
Step 1: Use the remote control to enter the TV's settings menu;
Step 2: Find the "Picture" or "Display" option;
Step 3: Find "Picture Ratio" or "Display Mode", and select "Full Screen", "16:9", or "Widescreen".

• Technical Parameters

Item		Specification
Power Supply	Voltage/Current	DC5V/2A
Power Supply	Power Consumption	≤3.5W(without peripherals)
Storage	Storage	8GB

Functions & Formats Supported	Decoding	Supports 4K@60Hz decoding
	HDMI Version	HDMI 2.0
	Resolution	4096x2160@24/30/50/60Hz, 3840x2160@24/30/50/60Hz, 1080p@50/60Hz, 720p@50/60Hz
	Transmission Distance	CAT5E 80m/CAT6 100m
	Image Format	BMP/JPG/PNG/JPEG
	Video Format	MP4/MOV/TS/MKV/AVI/MPEG
	Video Decoding Format	Up to 1080P@60Hz: MPEG-1, MPEG-2, MPEG-4, VC-1, AVS, AVS+ Up to 4Kx2K@60Hz: H.264/AVC, H.265/HEVC, MVC, AVS2. Note: When decoding H.264 and H.265 video, YUV420 color format is supported.
Network	Wireless Standards	802.11a/b/g/n/ac
	WiFi Frequency Bands	2.4GHz/5GHz
	Ethernet	100M adaptive Ethernet
Operating Environment	Working Temperature	-20℃~60℃
	Storage Temperature	-20℃~70℃
	Humidity (no condensation)	0~90%RH
Appearance & Properties	Dimension	125.0(L)x115.0(W)x 25.0(H)mm
	Material	Iron
	Color	Black
	Net Weight	318g
Protection	ESD protection 1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2	
	Lightning protection, Surge protection	