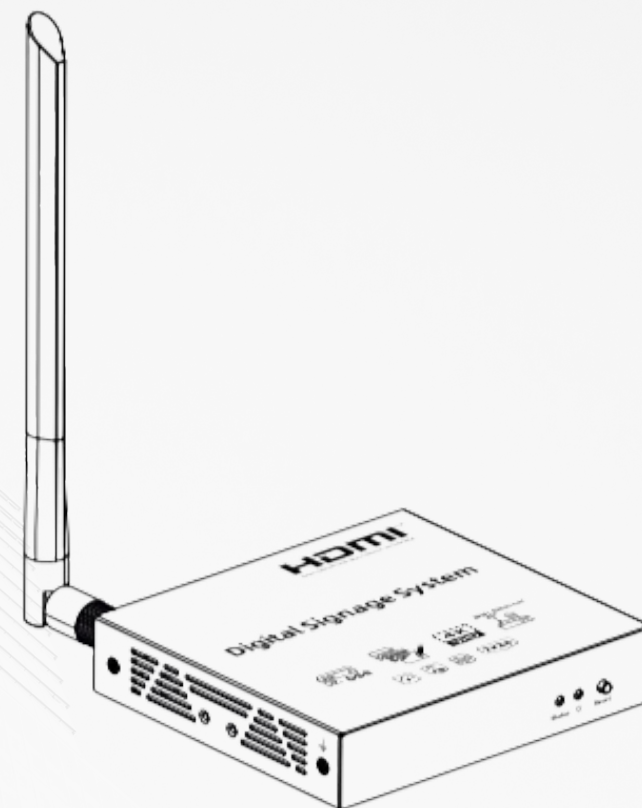




Model Number: RL-S02DS

Digital Signage Box



This Digital Signage System, model RL-S02DS, is a versatile and powerful solution for displaying high-definition advertising and content. It supports 4K ultra-high-definition playback and can be managed remotely, making it suitable for a wide range of commercial and informational applications.



RGB LOGIC AV EQUIPMENT CORPORATION

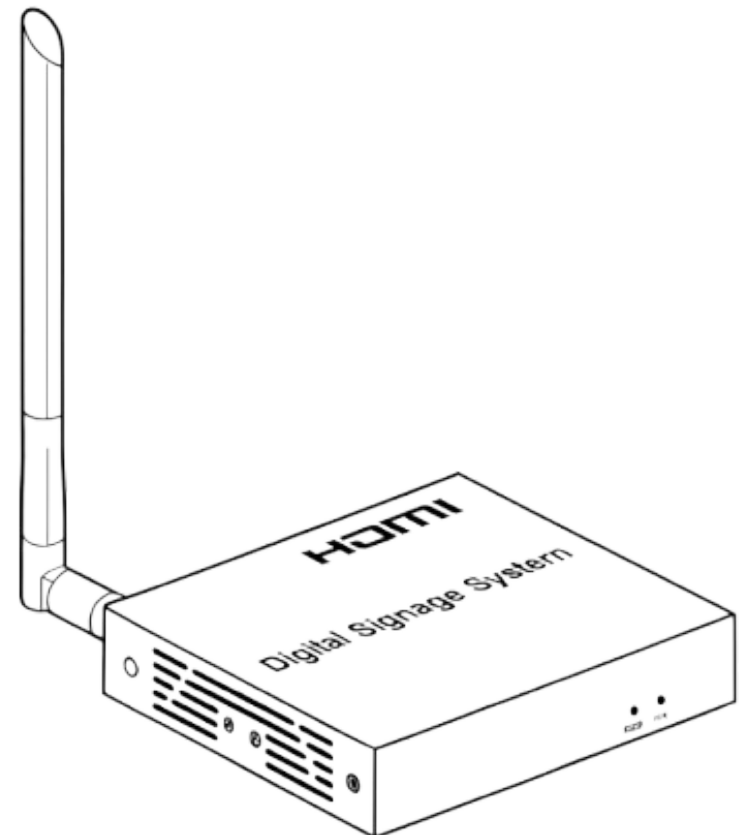
No. 3, Jalan Rajawali, Singapore. -598436

Email: sales@rgblogicav.com

Website: www.rgblogicav.com

Product Overview

The RL-S02DS is a robust digital signage system designed for delivering high-impact advertising and content. Its primary function is to play and manage digital media on displays, offering support for 4K ultra-high-definition content to ensure stunning visual quality. The system is built for flexibility and ease of use, featuring remote management capabilities via Wi-Fi and compatibility with a variety of operating systems like Android, ROS, Windows, and Ubuntu. This allows for seamless integration into different environments and workflows. For content delivery, the RL-S02DS provides multiple options. Users can publish advertisements and other media online through a local area network or use a USB drive for automatic, localized playback. The device is equipped with both Wi-Fi and adaptive Ethernet for reliable network connectivity. Housed in a durable iron case, the RL-S02DS is a compact and resilient hardware solution for various digital signage applications.



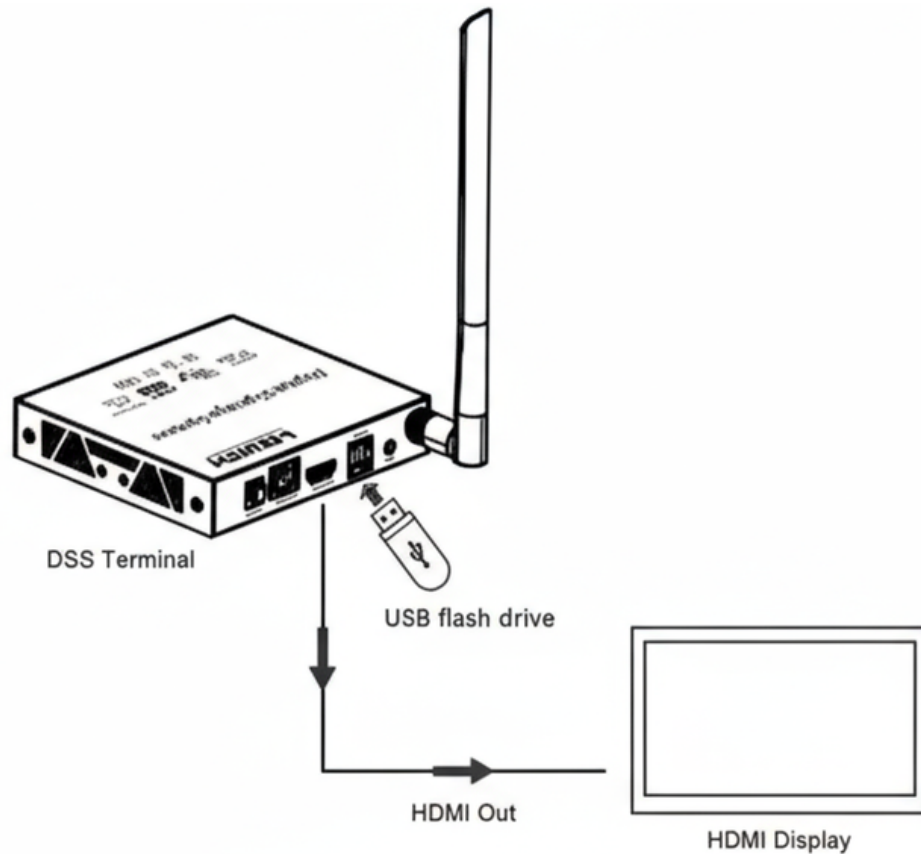
Technical Specifications

The RL-S02DS operates on a DC5V/2A power supply with power consumption of less than 15W without peripherals. It is equipped with 1GB of memory and 4GB of storage. The system is capable of 4K@60Hz decoding and features an HDMI 2.0 output. It supports a wide range of resolutions, including 4096x2160 at various refresh rates, as well as 1080p and 720p. Supported image formats include BMP, JPG, PNG, GIF, and JPEG, while video formats such as MPEG4, MOV, TS, AVI, MKV, and MP3 are also compatible. Advertisements can be published online via a local area network (LAN).

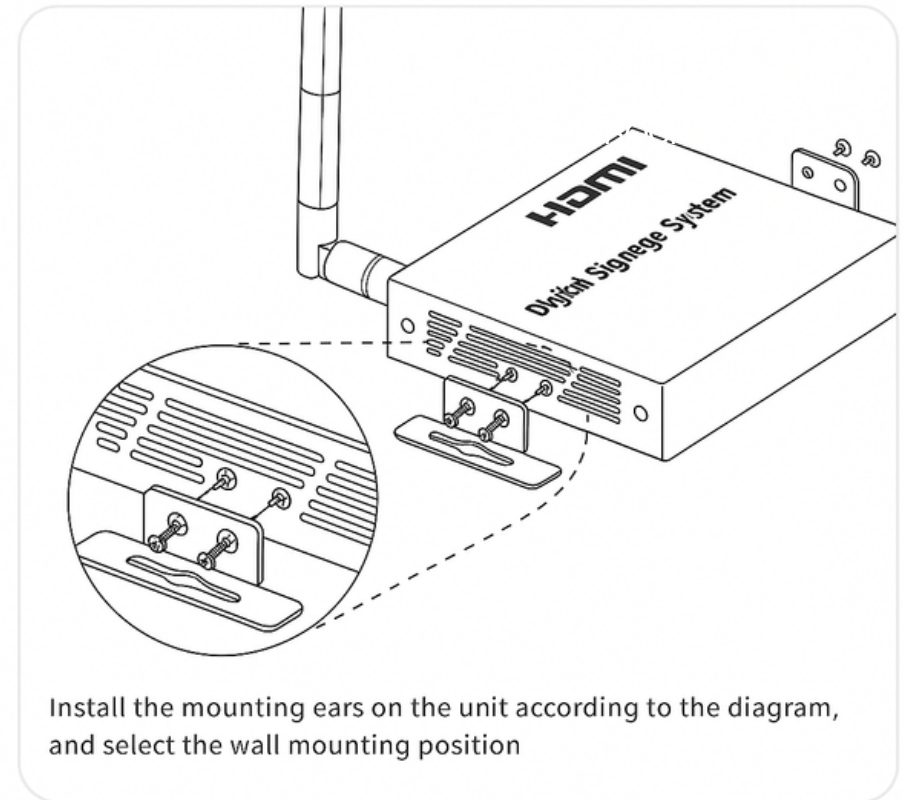


Connectivity and Environmental

For wireless connectivity, the system adheres to 802.11a/b/g/n/ac standards and operates on both 2.4GHz and 5GHz Wi-Fi frequency bands. It also includes a 10/100M/1000M adaptive Ethernet port for wired connections. The device is designed to operate in temperatures ranging from 0°C to 60°C and can be stored in temperatures from 0°C to 70°C. The acceptable humidity range is 0-95%RH (non-condensing). Additionally, it features account management for streamlined service administration and offers robust networking capabilities through both Wi-Fi and Ethernet.



• Wall Mounting



Multimedia and Display

The RL-S02DS excels in delivering a rich multimedia experience, supporting 4K@60Hz decoding for smooth, high-resolution playback. It features an HDMI 2.0 output, allowing it to connect to modern displays and deliver pristine video quality. ☑ The system is capable of handling a wide array of resolutions, including 4096x2160, 3840x2160, 1920x1080, and 1280x720, ensuring compatibility with various screen sizes and content types. Furthermore, it supports a broad range of image and video formats, such as BMP, JPG, PNG, GIF, and JPEG for images, and MPEG4, MOV, TS, AVI, MKV, and MP3 for videos, providing extensive flexibility for content creation and playback.

Auto Loop Playback with Micro USB

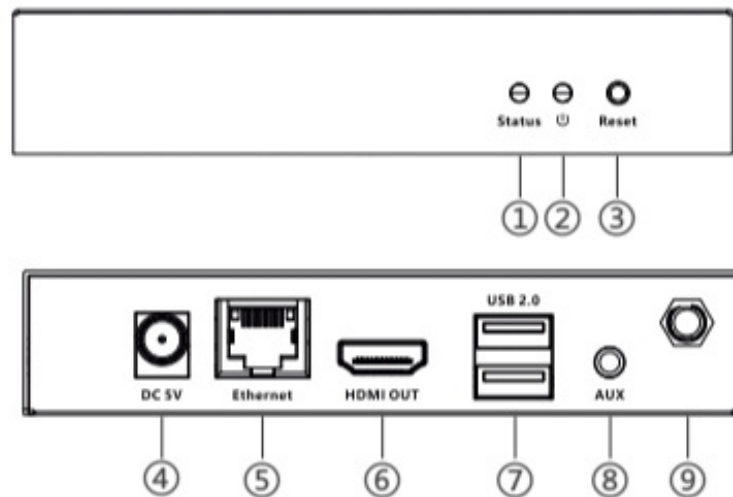
No technology required, just plug in your USB flash drive and it will play automatically.



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 account management, facilitating the management of terminals.
6. Supports dual-mode networking via WiFi and Ethernet.
7. Data encryption ensures security.
8. Lightning protection, surge protection, ESD protection.
9. Stable 24/7 operation.

• 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	For audio output
⑨	Antenna	For WiFi connections



Specifications

Voltage/Current: DC5V/2A

Power Consumption: <15W (without peripheral)

Memory: 1GB

Storage: 4GB

Decoding: Supports 4K@60Hz decoding

HDMI Version: HDMI 2.0

Resolution: 4096x2160@24/50/60Hz, 3840x2160@24/50/60Hz, 1080p@50/60Hz, 1366p@50/60Hz

Image Format: BMP/JPG/PNG/GIF/JPEG

Video Format: MD4/MOV/ITS/MKV/AVI/MPG

Publish Method: Publish advertisements online via app

Wireless Standards: 802.11a/b/g/n/ac

Wi-Fi Frequency Bands: 2.4GHz/5GHz

Ethernet: 10/100M/1000M adaptive Ethernet

Working Temperature: 0°C-60°C

Storage Temperature: 0°C-70°C

Humidity (no condensation): 0-95%RH

Dimension: 125.0(L)x86.0(W)x 25.0(H)mm

Material: Iron

Color: Black

Net Weight: 330g

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