Wireless Conference System with BYOM

eShare W60



User Manual

AV Access

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FCC Warnings

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.

Introduction

Overview

The eShare W60 is a high-performance wireless BYOD presentation switcher that enables users to wirelessly share content from mobile devices to an HDMI display through multiple wireless casting methods. It is ideal for meeting rooms, huddle spaces, classrooms, and other collaborative environments.

Features

- Pure wireless BYOD presentation solution.
- Supports dual-view presentation.
- Supports AirPlay Mirroring, Miracast, and AV Access eShare dongles.
- Built-in Wi-Fi for wireless presentation and conferencing.
- Supports wireless conferencing with USB conference peripherals.
- Built-in USB 2.0 hub for USB conference peripherals.
- Supports input and output resolutions up to 4K@30Hz 4:4:4.
- Fast seamless switching.
- Independent analog audio output.
- Detailed and friendly OSD information.
- User-friendly Web UI for easy configuration.

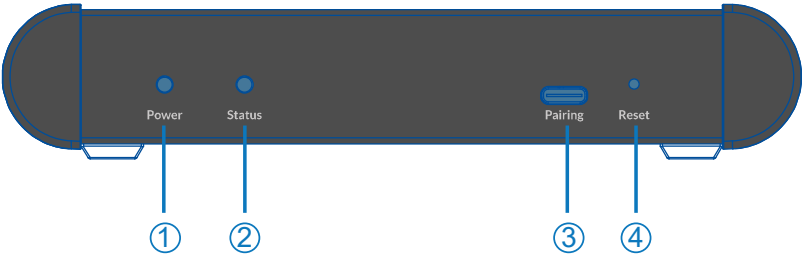
Package Contents

Before you start the installation of the product, please check the package contents:

- eShare W60 x 1
- 12V DC 3A Power Adapter x 1
- Mounting Brackets x 2
- Screws x 4
- User Manual x 1

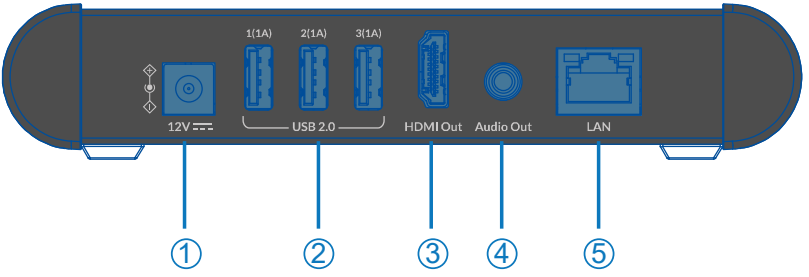
Panel

Front Panel



#	Name	Description
1	Power LED	• **On**: The device is powered on. • **Off**: The device is powered off.
2	Status LED	• **On**: The device is operating normally. • **Off**: The device is in standby mode.
3	Pairing	USB 2.0 port. Connect to a dongle for dongle pairing or upgrade.
4	Reset	Recessed Reset button for the following functions: • Short press to display the OSD (On-screen Display) on the display (for 10 seconds). • Long press for at least 10 seconds to restore the device to factory default settings. • Press 5 times within 15 seconds to restore IP settings and Web UI login passwords.

Rear Panel



#	Name	Description
1	12V	12V DC port. Connect to the included power adapter.
2	USB 2.0	3 x USB 2.0 Type-A ports. Connect to USB peripheral devices. Note: Each port supports up to 1A current output.
3	HDMI Out	1 x HDMI Type-A connector. Connect to an HDMI display.
4	Audio Out	1 x 3.5mm TRS connector. Connect to an audio receiver for unbalanced analog audio output.

#	Name	Description
5	LAN	1 x RJ-45 port. Connect to a network device for LAN control (Web UI & Telnet API), network passthrough, and network-based projection.

Installation and Application

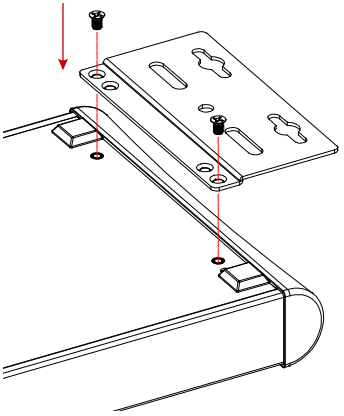
Installation

Disconnect the device from the power source before installation.

Installing Mounting Brackets

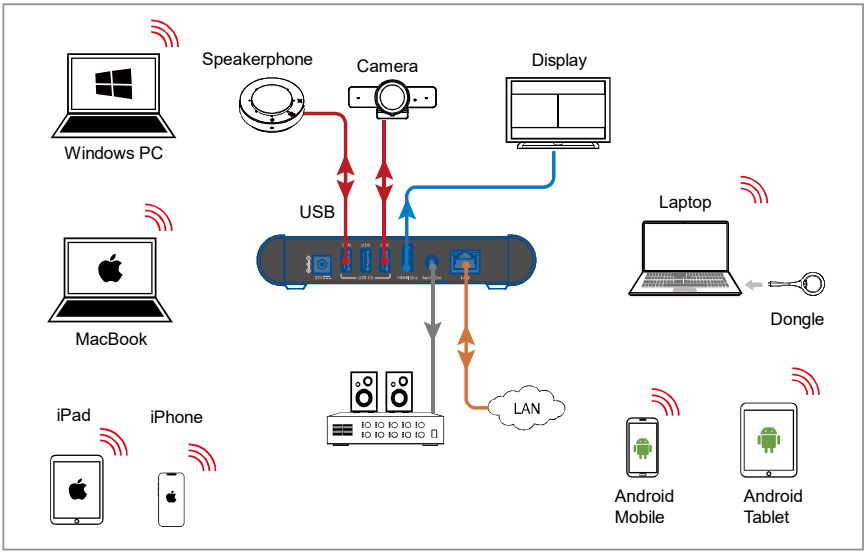
Steps to install the device on a suitable location:

1. Attach a mounting bracket to the bottom of the enclosure using the included screws, as shown in the figure below.



2. Repeat the above step to install the other mounting bracket.
3. Mount the device with the brackets at the desired location using user-supplied screws (not included).

Application



Application Notes

- After pairing the dongle with the device, insert it into a USB C laptop. The laptop will wirelessly connect to the device, enabling screen sharing and access to the connected camera and speakerphone.
- Use AirPlay or Miracast to wirelessly mirror the laptop or mobile device screen to the HDMI display.
- The device supports Multiview display. If multiple input sources are connected, up to two sources can be displayed simultaneously (dual view).

Key Functions

Screen Mirroring

If you're working on a PC and want its apps and content to be shown on another screen, you may want to consider mirroring your PC's screen to that screen.

With screen mirroring support, the device allows you to share your mobile devices' content wirelessly on any HDMI displays over AirPlay Mirroring, Miracast and/or Dongle. In this manual, mobile devices available for screen mirroring are referred to as "screen mirroring source", such as Apple devices (iPhone/iPad/Mac), Android phones, Windows PCs, and dongles.

Screen Mirroring over AirPlay (for Apple Devices)

a. Connect the Apple device to the Soft AP of the device.
   - ⇨ **Wi-Fi SSID**: Same as the device name set in Web UI. Viewable on the OSD at the upper right of the display screen.
     Default: **eShare W60-xxxxxx**
     For details on device name rules and default naming logic, refer to the **Device Name** section in the Web UI chapter.
   - ⇨ **Password**: Set via Web UI or Telnet API, and viewable on the OSD at the bottom right of the display screen.
     Default: **12345678**

b. Enable screen mirroring on the Apple device.
   Open Control Center, tap the **Screen Mirroring icon**, and select the desired mirroring device from the list (the device name is displayed on the screen).
   - ⇨ Device name displayed: Same as the device name set in Web UI (default: eShare W60-xxxxxx). For details on device name rules and default naming logic, refer to the **Device Name** section in the Web UI chapter.

c. Disconnect the Apple device.
   Tap **Stop Mirroring** to stop displaying the apple device's screen on the external display.

Screen Mirroring over Miracast (for Android Phones & Windows PCs)

<u>For Android smartphone (take Samsung Galaxy series for example):</u>

1. Enable the Wi-Fi or WLAN feature of your smartphone.

2. On your phone, swipe down from the top and tap Smart View or Wireless Projection to select appropriate mirroring device (the device name can be obtained from the upper right corner of the display screen) from the pop-up CONNECT menu.

3. To disconnect the smartphone from the device: click "DISCONNECT" on your smartphone's screen.

Note:

- The icon, instruction and entrance of the Miracast function may vary on different Android phones, please refer to your phone's manual to get accurate instruction.
- If you fail to use Miracast function, please disable your phone's Wi-Fi and enable it later, or restart the mobile if necessary.

For Windows PC (Window 10 or higher):

1. Enable the WLAN feature of your PC.
2. On your PC, press the combination keys " + K" to select appropriate mirroring device (the device name can be obtained from the upper right corner of the display screen) from the pop-up menu.
3. To disconnect PC from the device: click **Disconnect**, the display stops displaying PC's screen.

Important:

- The icon and interface of the Miracast function may vary on different computers.
- Some Windows 10/11 computers may fail to perform screen mirroring with Miracast due to compatibility issues.

Tip: Both the AirPlay mirroring and Miracast support access code. If you see the PIN entry window appears on your devices, input the access code that can be obtained through OSD (see **OSD** section for more information).

Screen Mirroring over Dongle

Users can wirelessly share content from a laptop to a display using a dongle (e.g. eShare D30). No additional software installation is required.

Note:

- The dongle is sold separately or packaged with the device as one kit.
- Before you plug the dongle into your laptop, ensure your laptop's USB C port supports video output.

Using a Dongle

1. Pair the dongle with the device
   - Connect the dongle to the **Pairing** port on the device.
   - Once pairing is complete, "Pairing successful" appears on the display screen.
   - Note: If the dongle is included in an eShare W60 Kit, it is pre-paired with the device at the factory. In this case, this step can be skipped.

2. Connect the dongle to the laptop
   - Plug the dongle into the laptop. It will automatically run and connect to the device's Soft AP.
   - Once the connection is successful, the Dongle LED stops blinking and

remains steadily lit.

3. **Share the laptop screen**
   - After the dongle is connected successfully, screen sharing starts automatically.
   - Short press the Casting button to stop or start screen sharing.
   - Press the Casting button twice within 1 second to freeze the shared screen.
   - Short press the Casting button when the screen is frozen to resume sharing.
   - Press and hold the Casting button for at least **3 seconds** to display the shared screen in full-screen mode.

Using Wireless Conference

A dongle also supports wireless conference by providing wireless access to USB conference peripherals connected to the device, such as a USB camera or speakerphone.

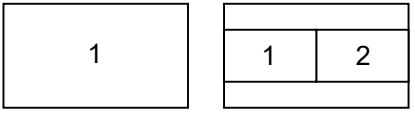
- The first connected dongle automatically activates wireless conference.
- If one dongle is already using the wireless conference function, short press the Wireless Conference button on the current dongle to switch the wireless conference function to the current dongle.
- Short press the Wireless Conference button on a dongle to activate or deactivate the wireless conference function.

When wireless conference is active, the laptop can access the connected USB conference peripherals wirelessly.

Note: For details about the dongle operation, refer to its user guide.

Multiview

The device supports Dual View Display, allowing up to two video sources to be displayed on a single screen.



If two video sources are being displayed in Dual View mode, connecting an additional video source will replace the source that has been displays longer on the screen.

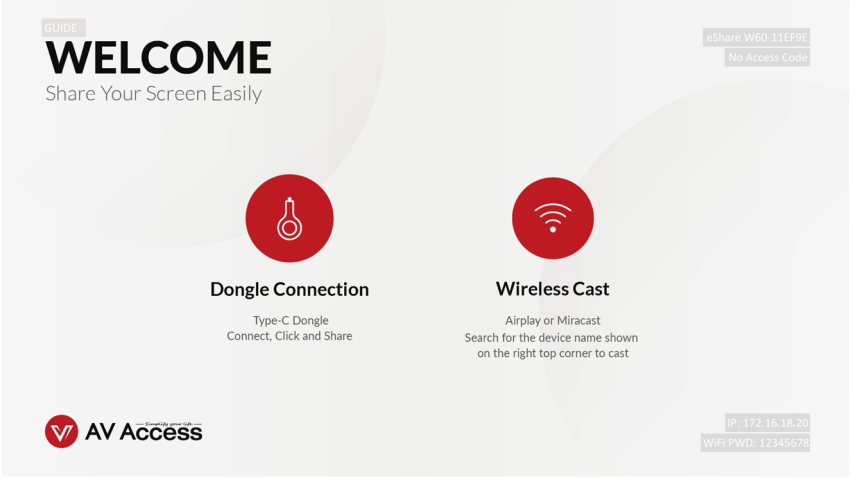
Automatic Switching

The device supports automatic signal switching function, allowing seamless output of the desired sources. This function follows the Last-In-First-Out rule:

1. When only one video source is connected, the HDMI Out will automatically output this video source to the connected display.
2. When two video sources are displayed in dual view mode, the most recently added input source will replace the one that has been displayed longer.
3. If no active video source is connected, the device will output the Guide Screen image.

Guide Screen

The device outputs the Guide Screen image automatically when no active video source is detected within a period of time. The Guide Screen can be personalized to display connection instructions via the device's Web UI.



Note:

- This Guide Screen image can be changed via Web UI; for more information, refer to the **Splash Screen** section.
- By default, if the Guide Screen image is displayed for 60 seconds, a 60-second countdown will appear. When the countdown ends, the device will enter standby mode.

OSD

The device supports OSD (on-screen display) to convey device basic information, including video source name, device name, access code, IP address, and Wi-Fi password. Each OSD item can be enabled or disabled independently and configured as needed (for details, refer to the **OSD Displaying** section under **Privacy and Security**). The following figure shows an example of the OSD.



Note:

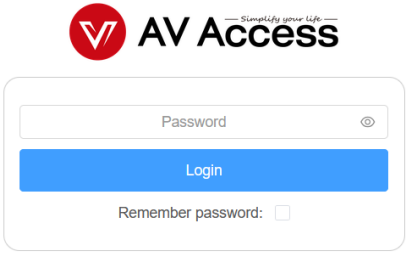
- When the device outputs the Guide Screen, the OSD is shown all the time.
- When the device outputs video sources, the OSD will display on the display device for 10 seconds and then disappear.
- By default, the access code is set as blank, therefore the OSD doesn't display the access code. For details about setting the access code, refer to the **BYOD Settings** section under the **Wireless Settings** page.

Web UI

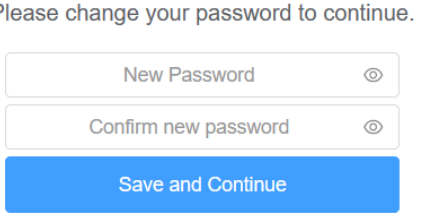
The Web UI is an intuitive software interface that enables management and control of the device through a web browser. For optimal performance, use Chrome, Microsoft Edge or Firefox browser.

Accessing the Web UI

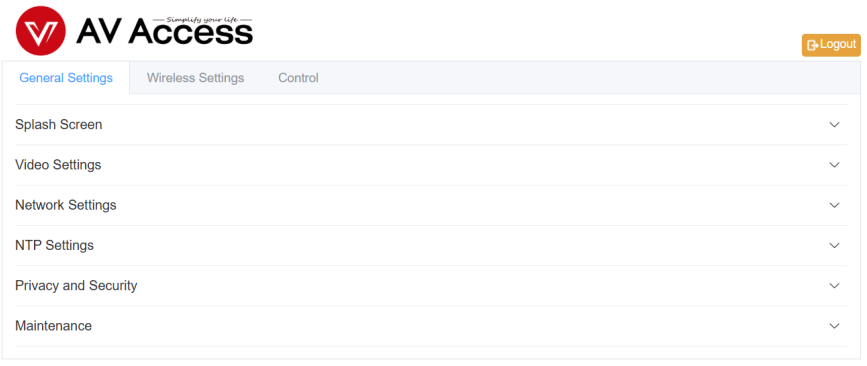
1. Connect the LAN port of the device to a local area network equipped with a DHCP server. This allows the device to acquire a valid IP address.
2. Connect a PC to the same network as the device.
3. View the device IP address through OSD (See **OSD** section to easily view the IP address).
4. Enter the device IP address in a web browser and press Enter. The login page is displayed.



5. Enter the password (default: **admin**) and click **Login**.
   On first login, the system prompts for a password change.
   Enter a new password and click **Save and Continue** to complete the update.
   Note: The new password must be 8–24 characters long and include at least one lowercase letter (a–z), one uppercase letter (A–Z), one digit (0–9), and one special character (~!@#$%^&*()_+-=[]{};:'"|,.<>/?).



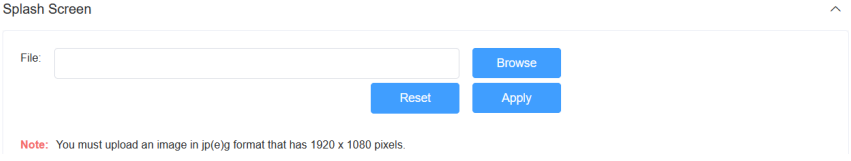
6. After successful login, the home page opens.
   Select a page to access the corresponding pages.



The following sections describe each page of the Web UI and its available settings.

General Settings

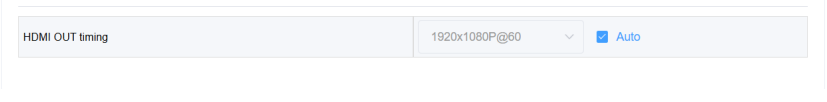
Splash Screen



This section provides settings for the splash screen displayed by the device.

- **Browse**: Click to select an image file to upload.
  Note: A JPEG or JPG image with a resolution of 1920x1080 pixels is required.
- **Reset:** Click to restore the splash screen image to the factory default image.
- **Apply**: Click to upload the selected image to the device and set it as the splash screen.

Video Settings



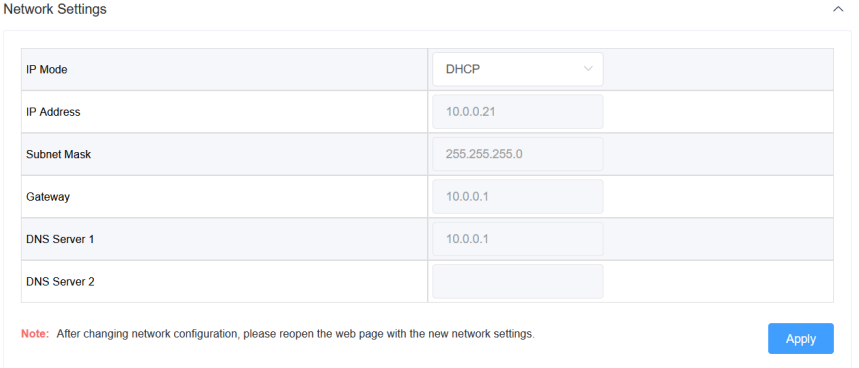
This section provides settings to configure HDMI output timing.

- **HDMI OUT timing:** Set the output timing for HDMI Out.
  - **Auto**: Output the preferred resolution of the connected display based on the display's EDID.
    Example: If the preferred resolution for the display is 4K@30Hz, the device

will output 4K@30Hz video.

- **Resolution range list**: Select a resolution from the dropdown menu to output this fixed resolution. The maximum supported resolution for HDMI Out is 4K@30Hz.
  Default: Auto

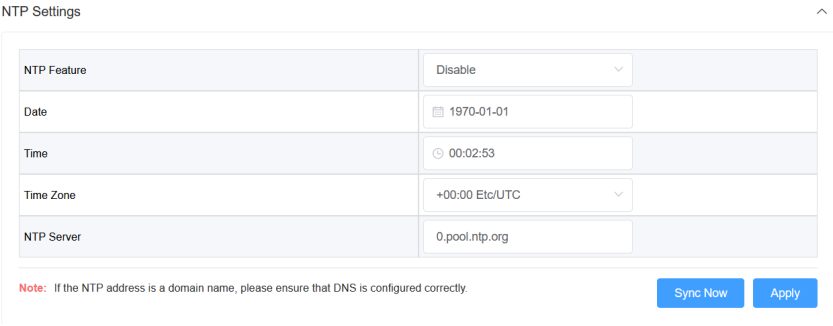
Network Settings



This section provides network settings for the device's LAN port.

- **IP Mode**: Select the IP addressing mode (DHCP or Static).
  Default setting: DHCP
- **IP Address**: Manually set the device IP address when Static mode is selected.
- **Netmask:** Manually set the subnet mask when Static mode is selected.
- **Gateway:** Manually set the gateway address used to access other networks when Static mode is selected.
- **DNS Server 1:** Manually set the primary DNS server for domain name resolution.
- **DNS Server 2:** Manually set the alternate DNS server for domain name resolution.
- **Apply:** Click to save and apply the current settings.
  Note: After the IP settings are changed, refresh the Web UI page to log in again.

NTP Settings

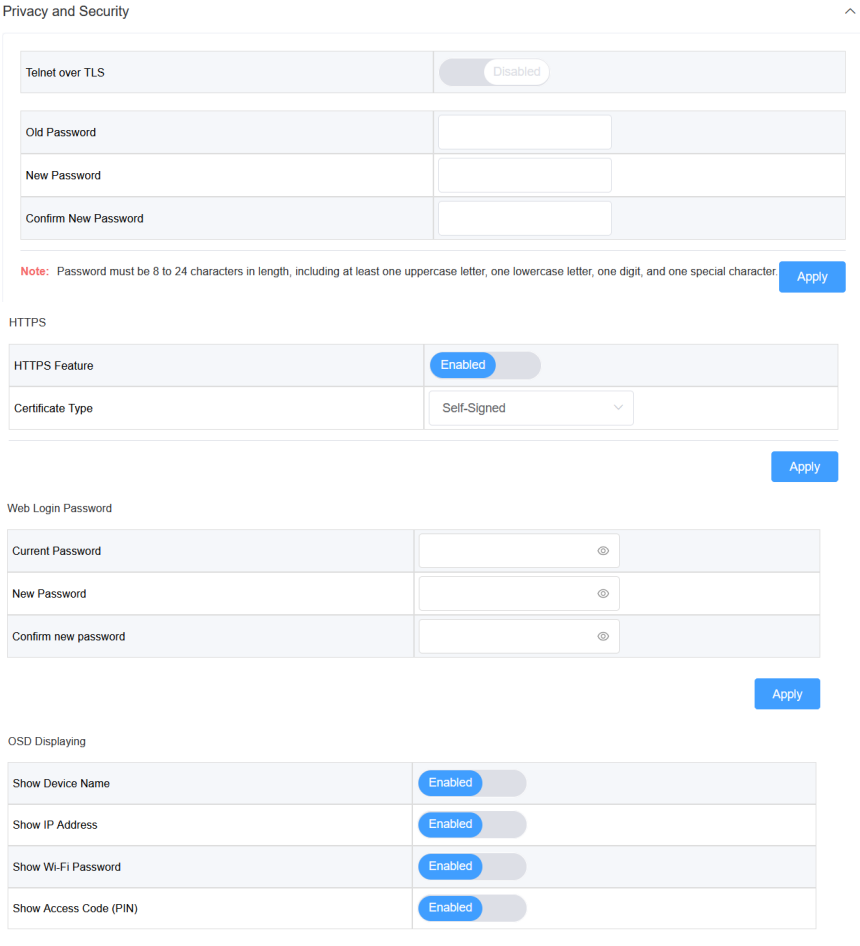


The section provides settings to configure the Network Time Protocol (NTP), allowing the device to automatically synchronize its date and time with an NTP server.

- **NTP Feature**: Enable or disable the NTP feature.
  - **Enable**: When enabled, the device automatically synchronizes the date with the configured NTP server when powered on and connected to a network. The NTP server can be any server on Internet or a local server. (Recommended setting, since the device's date resets to factory defaults on each boot if NTP is disabled.)

  Default: **Disable**
- **Date**: Set the date manually when NTP is disabled. If no NTP server is configured or the device is offline, the date will start from 1970-01-01 at each reboot.
- **Time**: Set the time manually when NTP is disabled.
- **Time Zone**: Select a city's time zone from the dropdown list.
- **NTP Server**: Enter the address of the NTP server.
  Default: 0.pool.ntp.org
  Note: If a domain name is used, ensure that DNS is configured correctly.
- **Sync Now**: Click to synchronize the device's date with the NTP server immediately.
- **Apply**: Save and apply current settings.

Privacy and Security





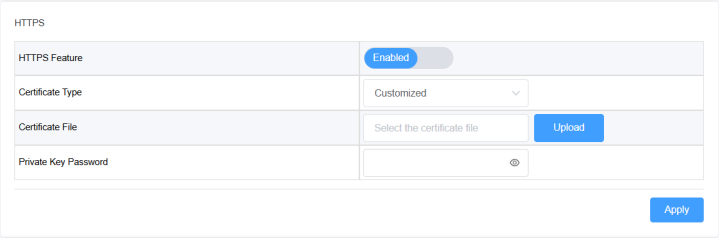
This section provides settings for security, privacy, and access control, allowing administrators to configure authentication methods, remote access services, and the visibility of sensitive information.

Telnet

- **Telnet over TLS**: Enable or disable the TLS authentication for the Telnet connection.
  Default: Disabled
- **Old Password**: Enter the old password for the Telnet over TLS authentication.
- **New Password / Confirm New Password**: Enter the new password for the Telnet over TLS authentication.
  Note: The new password must consist of 8 to 24 alphanumeric characters, including at least one uppercase letter, one lowercase letter, one digit, and one special character.

HTTPS

- **HTTPS Feature**: Enable or disable the HTTPS authentication service.
  Default: Enabled
- **Certificate Type:** Select certificate type used by the HTTPS service.
  - ⇨ **Self-Signed:** Select to use a certificate generated by the device. This option allows encrypted HTTPS access without requiring an externally issued certificate. However, browsers may display a security warning because the certificate is not issued by a trusted certificate authority (CA).
  - ⇨ **Customized:** Select to use a user-uploaded certificate and private key issued by an internal or trusted certificate authority. This option is recommended for enterprise environments that require centralized certificate management and trusted HTTPS connections.
    - **Certificate File:** Select the certificate file and click Upload.
    - **Private Key Password:** Enter the private key password.



Default: Self-Signed

Web Login Password

- **Current Password**: Enter the current password to log on to the Web UI.
- **New Password / Confirm Password**: Enter the new password to log on to the Web UI.
  Note: The new password must be 8 to 24 characters long and include at least one lowercase letter, one uppercase letter, one digit, and one special character (~!@#$%^&*()_+-=[]{};:"'|,.<>/?).

OSD Displaying

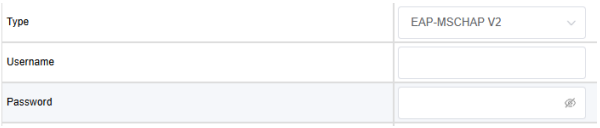
This section allows you to configure the information displayed on the OSD, including the device name, IP address, Wi-Fi password, and access code. Each item can be set to visible or hidden independently.

- **Show Device Name / IP Address / Wi-Fi Password / Access Code (PIN)**: Enable or disable the display of the corresponding OSD item.
  Default: Enabled

802.1x

802.1x is a port-based network access control protocol that authenticates the device with a RADIUS server before allowing access to the network. Only authenticated devices are permitted to connect.

- **802.1x Feature**: Enable or disable 802.1x authentication service for the device.
  Default: Disable
- **Type:** When 802.1x feature is enabled, select one of the following authentication methods:
  - **EAP-MSCHAP V2**: Authenticate the device using a username and password. This method is widely supported and suitable for general network environments.

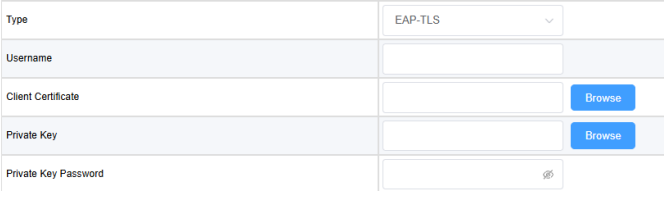


    - The username can include letters, numbers, hyphens ("-"),

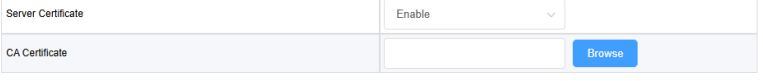
underscores ("_"), "@" and ".", and must be 1 to 24 characters long. Hyphens and underscores must not appear at the beginning or end.

- The password must consist of 1–24 printable ASCII characters.

- **EAP-TLS**: Authenticate the device using a client certificate and private key. The private key password is optional but recommended.
  This method provides higher security through certificate-based authentication and is recommended for environments with strict security requirements.

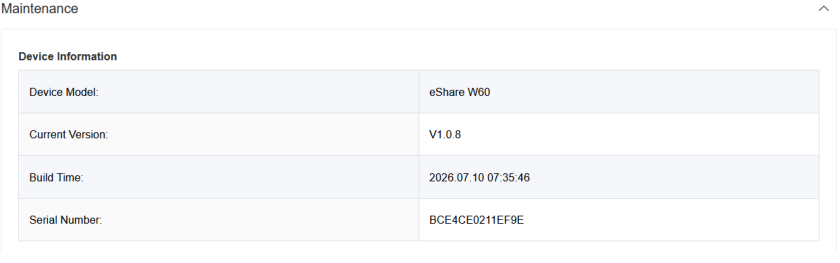


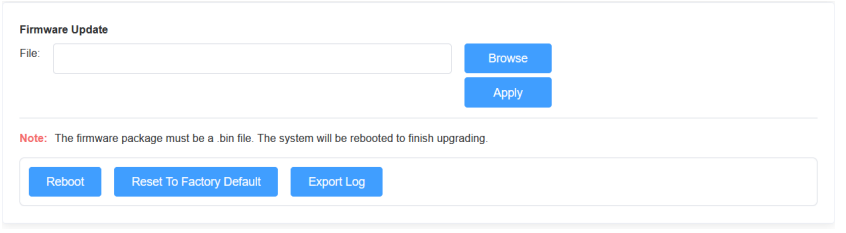
- **Server Certificate**: Enable or disable verification of the RADIUS server certificate.



When enabled, click **Browse** to upload a **CA certificate**. The device verifies the identity of the RADIUS server using the CA certificate during authentication. Network access is granted only after successful verification.
This option is recommended for high-security environments.
Default setting: Disabled

Maintenance





This section provides system information and options for firmware update, system maintenance, and log export.

Steps for Firmware Update

1. Click **Browse** to select the firmware file from your local computer.
   Note: A valid firmware file must have a .bin extension.
2. Click **Apply** to upload the file and start the firmware update.

Note:

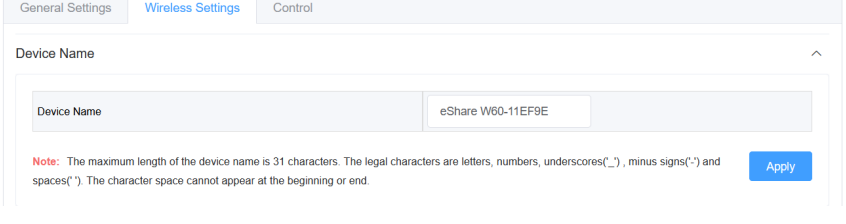
- Do not unplug or power off the device during the firmware update.
- The device automatically reboots after the firmware update is complete.

System Operation

- **Reboot**: Restart the device without affecting its current configuration. Use this option to apply certain changes or troubleshooting without losing data.
- **Reset to Factory Default**: Restore the device to its original factory settings. This action erases all configurations and custom data and cannot be undone. Back up any important settings before proceeding.
- **Export Log:** Export the system logs for troubleshooting or record-keeping.

Wireless Settings

Device Name



This section provides settings for the device name.

- **Device Name:** Set a user-defined name for the device. This name is also used as the Soft AP name and the receiver name of AirPlay and Miracast.

Default: eShare W60-xxxxxx, where "xxxxxx" represents the last six hexadecimal digits of the device's MAC address (e.g., AABBCC results in eShare W60-AABBCC)

Note: The device name can include up to 31 characters (letters, numbers, spaces (' '), underscores ('_') and hyphens ('-'); no leading or trailing spaces).

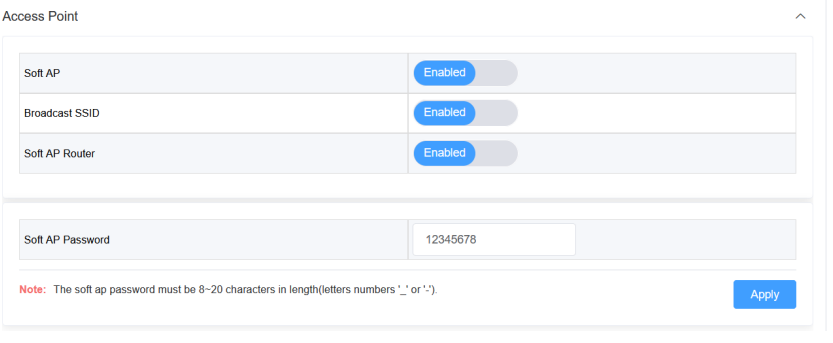
Wi-Fi Settings



This section provides settings to configure Wi-Fi frequency and channel.

- **Band:** Configure the frequency band (5G or 2.4G).
  Default: 5G
  Note: If the wireless source device does not support 5GHz Wi-Fi, set the frequency band to 2.4G before connecting via Miracast.
- **Channel:** Configure the wireless channel between **Auto** or an option from the dropdown list.
  Default: Auto. Auto means the device automatically selects an appropriate wireless channel.
- **Apply:** Save and apply the current settings.

Access Point



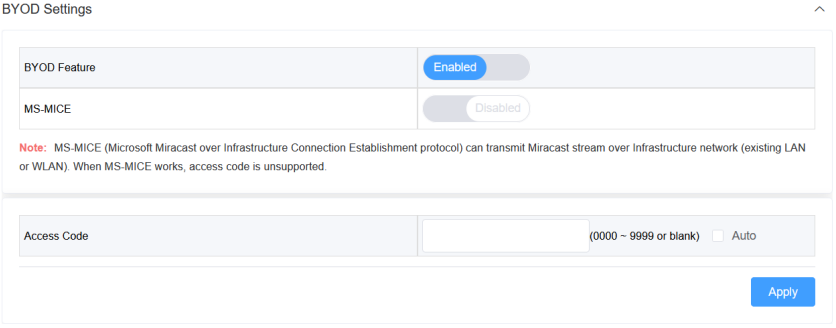
This section provides settings for the device's SoftAP, including SSID broadcasting, network access, and password configuration.

- **Soft AP:** Enable or disable the device's Soft AP function.
  Default: Enabled
- **Broadcast SSID**: Enable or disable SSID broadcasting for the device's Soft AP.
  - When enabled, the Soft AP SSID can be discovered by BYOD devices.
  - When disabled, the Soft AP SSID is hidden. Devices must manually enter the SSID to connect.

  Default: Enabled
- **Soft AP Router:**
  - **Enabled**: Allow devices connected to the Soft AP to access external networks.
    Note: When using Static IP mode, this requires the device's Ethernet port to be configured with a valid gateway and DNS server.
  - **Disabled**: Prevent wireless devices connected to the Soft AP from accessing external networks.

  Default: Enabled
  Note: The Soft AP function must be enabled to use this feature.
- **Soft AP Password:** Set the password used to access the Soft AP.
  Default: 12345678

BYOD Settings



This section provides configuration options for the device's BYOD feature, including screen casting and access control settings.

- **BYOD Feature:** Enable or disable the device's BYOD feature.
  Default: Enable
- **MS-MICE**: Enable or disable MS-MICE. MS-MICE (Microsoft Miracast over Infrastructure Connection Establishment) is a Miracast transport method that uses an existing network (LAN or WLAN) instead of Wi-Fi Direct to deliver screen content.
  - ⇨ **Enable:** When the Miracast source and receiver are on the same wired or

wireless network, Windows prioritizes transmission over the infrastructure network. If not, screen casting automatically falls back to Wi-Fi P2P.

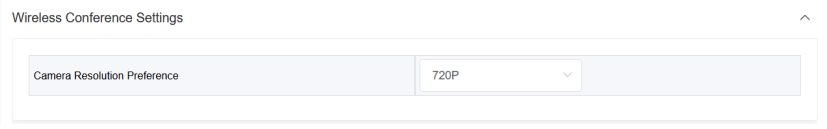
⇨ **Disable:** Screen casting is performed over a Wi-Fi P2P connection.

Default setting: **Disabled**

- **Access Code**: Set a four-digit access code (range: 0000–9999) to prevent accidental connections to an unintended device. It also helps prevent unauthorized access.
  - When set, the access code is displayed in the upper-right corner of the connected display. To disable this feature, leave the field blank.
  - When **Auto** is enabled, the device automatically generates a random four-digit code in the following cases: a) When the device switches to Guide Screen for output; b) When the device reboots.

  Default: Blank (not set)

Wireless Conference Settings



This section provides options to select the preferred USB camera resolution for wireless conference.

- **720p**: Optimized for compatibility and lower latency.
- **1080p**: Optimized for higher video quality.

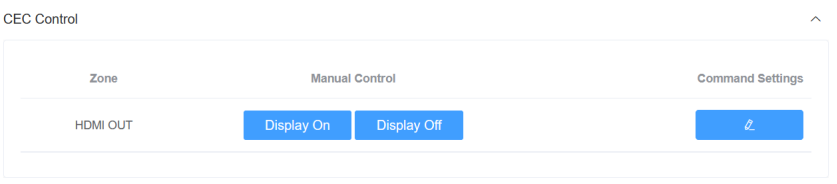
  Default: 720p

Note:

Actual resolution may vary depending on the connected camera and system performance.

Control

CEC Control



This section provides configurations for CEC commands to power connected displays on or off via HDMI Out.

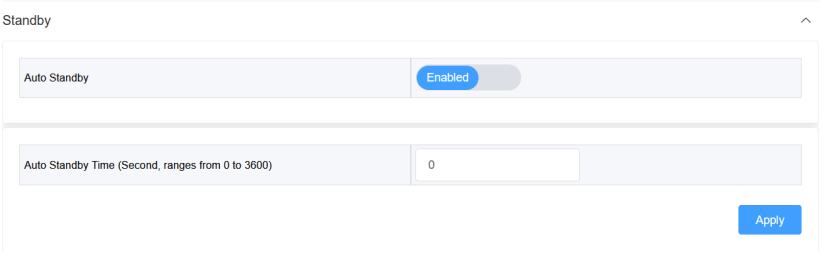
- **Command Settings** : Click this button to configure the **Display On** and **Display Off** commands for HDMI Out in the following window.



  - **Display On**: Enter the CEC *Power On* command for the controlled display device in hexadecimal format. For command details, refer to the user guide of the display device.
    Default setting: **40 04**
  - **Display Off**: Enter the CEC *Power Off* command for the controlled display device in hexadecimal format. For command details, refer to the user guide of the display device.
    Default setting: **FF 36**
  - **Test:** Send the corresponding command to the display for testing.
  - **Cancel**: Close the configuration window without changes.
  - **Apply**: Save and apply the current settings.

- **Display On** Display On : Send the *Power On* command (configured in the *Display On* field) to power on the CEC-enabled display.
- **Display Off** Display Off : Send the *Power Off* command (configured in the *Display Off* field) to power off the CEC-enabled display.

Standby



This section provides settings for device control behavior.

- **Auto Standby:** Automatically place the device into standby mode when no valid input signal is detected.
  - **Enabled**: Enable the auto standby function. When enabled, the device automatically enters standby mode after no valid input signal is detected for a specified period.
  - **Disabled**: Disable the auto standby function.

  Default: **Enabled**

- **Auto Standby Time (Second, ranges from 0 to 3600):** Set the timeout period before the device enters standby mode.
  - If the standby timeout is **60 seconds or less**, the on-screen standby countdown appears immediately.
  - If the standby timeout is **greater than 60 seconds**, the 60-second on-screen standby countdown begins when 60 seconds remain before the device enters standby mode.
  - If Auto Standby Time is set to **0**, the device enters standby mode immediately once it outputs the Guide Screen.

Example:
If Auto Standby Time is set to 80 seconds, once the device has output the Guide Screen for 20 seconds, a 60-second on-screen standby countdown begins. When the countdown expires, the device enters standby mode.
Default: **120 seconds**

- **Apply**: Save and apply the current settings.

Specifications

<table>
<tr><th colspan="2">Technical</th></tr>
<tr><td>Input Video Port</td><td>1 x LAN, 10/100/1000Mbps Ethernet; 2 x Wi-Fi</td></tr>
<tr><td>Input Video Signal</td><td>H.264</td></tr>
<tr><td>Input Resolutions</td><td>
Miracast (Wi-Fi):
<table>
<tr><th>Scan Type</th><th>Resolution</th><th>Frame Rate</th><th>Color Sampling</th><th>Color Depth</th></tr>
<tr><td rowspan="12">Progressive</td><td>1920*1080 FHD 1080P</td><td>60 Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
<tr><td>1920*1080 FHD 1080P</td><td>50 Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
<tr><td>1920*1080 FHD 1080P</td><td>30 Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
<tr><td>1920*1080 FHD 1080P</td><td>25 Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
<tr><td>1920*1080 FHD 1080P</td><td>24 Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
<tr><td>1280*720 HD 720P</td><td>60 Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
<tr><td>1280*720 HD 720P</td><td>50 Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
<tr><td>1280*720 HD 720P</td><td>30 Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
<tr><td>1280*720 HD 720P</td><td>25 Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
<tr><td>1280*720 HD 720P</td><td>24 Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
<tr><td>720*576</td><td>50Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
<tr><td>720*480</td><td>60Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
<tr><td>640*480</td><td>60Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
</table>
AirPlay Mirroring (LAN/Wi-Fi):
Max. 1920*1080@60Hz 4:2:0 (FHD 1080P)

USB C Dongle
<table>
<tr><th>Scan Type</th><th>Resolution</th><th>Frame Rate</th><th>Color Sampling</th><th>Color Depth</th></tr>
<tr><td rowspan="2">Progressive</td><td>3840*2160 UHD 4K</td><td>30 Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
<tr><td>1920*1080 FHD 1080P</td><td>30 Hz</td><td>YUV 4:2:0</td><td>8 bit</td></tr>
</table>
</td></tr>
<tr><td>Output Video Port</td><td>1 x HDMI</td></tr>
<tr><td>Output Video Signal</td><td>HDMI 1.4, HDCP 1.4</td></tr>
<tr><td>Output Resolutions</td><td>
<table>
<tr><th>Scan Type</th><th>Resolution</th><th>Frame Rate</th><th>Color Sampling</th><th>Color Depth</th></tr>
<tr><td rowspan="12">Progressive</td><td>3840*2160 UHD 4K</td><td>30 Hz</td><td>YUV 4:4:4; RGB</td><td>8 bit</td></tr>
<tr><td>3840*2160 UHD 4K</td><td>25 Hz</td><td>YUV 4:4:4; RGB</td><td>8 bit</td></tr>
<tr><td>1920*1080 FHD 1080P</td><td>60 Hz</td><td>YUV 4:4:4; RGB</td><td>8 bit</td></tr>
<tr><td>1920*1080 FHD 1080P</td><td>50 Hz</td><td>YUV 4:4:4; RGB</td><td>8 bit</td></tr>
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<tr><td>1920*1080 FHD 1080P</td><td>25 Hz</td><td>YUV 4:4:4; RGB</td><td>8 bit</td></tr>
<tr><td>1920*1080 FHD 1080P</td><td>24 Hz</td><td>YUV 4:4:4; RGB</td><td>8 bit</td></tr>
<tr><td>1680*1050</td><td>60 Hz</td><td>RGB</td><td>8 bit</td></tr>
<tr><td>1600*1200 UXGA</td><td>60 Hz</td><td>RGB</td><td>8 bit</td></tr>
<tr><td>1440*900</td><td>60 Hz</td><td>RGB</td><td>8 bit</td></tr>
</table>
</td></tr>
</table>

Technical					
		1366*768	60 Hz	RGB	8 bit
		1280*1024 SXGA	60 Hz	RGB	8 bit
		1280*720 HD 720P	60 Hz	YUV 4:4:4; RGB	8 bit
		1024*768 XGA	60 Hz	RGB	8 bit
		800*600 SVGA	60 Hz	RGB	8 bit
		720*480	60 Hz	YUV 4:4:4; RGB	8 bit
		640*480 VGA	60 Hz	RGB	8 bit

Audio	
Input Audio Port	1 x LAN; 2 x Wi-Fi
Input Audio Signal	RAW PCM 2.0, 16-bit, 32/44.1/48KHz sps
Output Audio Port	1 x HDMI; 1 x Analog Audio Out
Output Audio Signal	RAW PCM 2.0, 16-bit, 48KHz sps

Wi-Fi	
Standard	IEEE 802.11 a/b/g/n/ac
Frequency	Dual bands, 2.4–2.4835GHz, 5.0–5.8GHz
Security	WEP, TKIP, AES, WPA, WPA2

Control	
Control Connector	1 x RJ45, 10/100/1000Mbps Ethernet
Control Method	LAN (Web UI)

General	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV (Air-gap discharge) / ±4kV (Contact discharge)
Power Supply	20V DC 3A
Power Consumption	22.44W (Max.)
Device Dimensions (W x H x D)	6.30" x 1.15" x 5.59" / 160mm x 29.1mm x 142mm
Net Weight	1.36lbs/0.62kg

Warranty

Products are backed by a limited 1-year parts and labor warranty. For the following cases AV Access shall charge for the service(s) claimed for the product if the product is still remediable and the warranty card becomes unenforceable or inapplicable.

1. The original serial number (specified by AV Access) labeled on the product has been removed, erased, replaced, defaced or is illegible.
2. The warranty has expired.
3. The defects are caused by the fact that the product is repaired, dismantled or altered by anyone that is not from an AV Access authorized service partner. The defects are caused by the fact that the product is used or handled improperly, roughly or not as instructed in the applicable User Guide.
4. The defects are caused by any force majeure including but not limited to accidents, fire, earthquake, lightning, tsunami and war.
5. The service, configuration and gifts promised by salesman only but not covered by normal contract.
6. AV Access preserves the right for interpretation of these cases above and to make changes to them at any time without notice.

Thank you for choosing products from AV Access.

If you have any question, please contact us via the following emails:
General Enquiry: sales@avaccess.com
Customer/Technical Support: support@avaccess.com



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