

FONE540

Conference Speakerphone

— User Manual —

Warning

- To reduce risk of fire or electric shock, do not expose this appliance to rain or moisture. Warranty will be void if any unauthorized modifications are done to the product.
- Do not drop the speakerphone or subject it to physical shock.
- Use correct power supply voltage to avoid damaging speakerphone.
- Do not place the speakerphone where the cord can be stepped on as this may result in fraying or damage to the lead or the plug.

Federal Communication Commission Interference Statement

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.

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 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.
- FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Europe – EU Declaration of Conformity

This device complies with the essential requirements of the Radio Equipment Directive (2014/53/EU). The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the Radio Equipment Directive (2014/53/EU)

Industry Canada statement:

This device complies with RSS-247 of the Industry Canada 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.

Ce dispositif est conforme à la norme CNR-247 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

FOR PORTABLE DEVICE USAGE (<20m from body/SAR needed eg. BT dongle, smartphone)**Radiation Exposure Statement:**

The product comply with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

FOR MOBILE DEVICE USAGE (>20cm/low power e.g. AP routers)**Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Caution

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

PSTI Statement of Compliance

Please refer to the following website: <https://www.aver.com/product-security-advisory>

DISCLAIMER

No warranty or representation, either expressed or implied, is made with respect to the contents of this documentation, its quality, performance, merchantability, or fitness for a particular purpose. Information presented in this documentation has been carefully checked for reliability; however, no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.

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More Help

For FAQs, technical support, software and user manual download, please visit:

Non-USA

Download Center: <https://www.aver.com/download-center>

Technical Support: <https://www.aver.com/technical-support>

USA

Download Center: <https://www.averusa.com/business/support>

Technical Support: <https://averusa.force.com/support/s/contactsupport>

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Korea Office

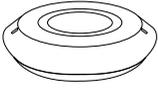
한국 에버 인포메이션 (주)
서울시 종로구 새문안로 92
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Tel: +82 (0) 2 722 8535

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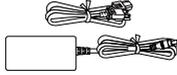
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Overview

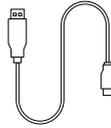
Package Contents



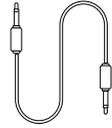
Speakerphone



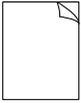
Power Adapter &
Power Cord



Micro USB 2.0 to
Type-A Cable (5 m)



3.5 mm Audio Cable
(0.9 m)

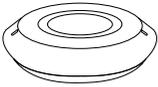


Quick Start Guide

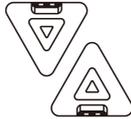


Warranty Card

Optional Accessories



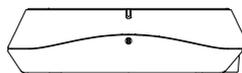
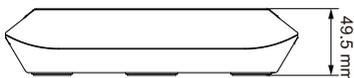
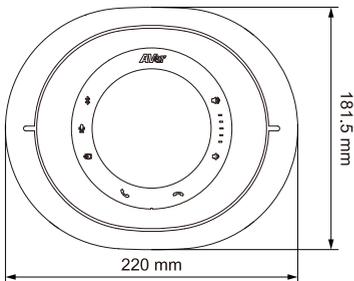
Expansion
Speakerphone with Cable



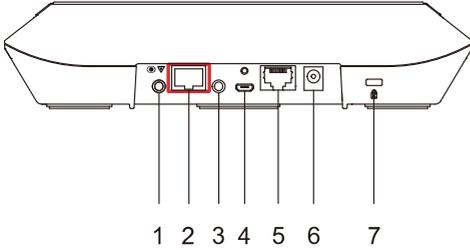
Expansion
Microphone (x2) with Cable

* For detail on optional accessories, consult your local dealer.

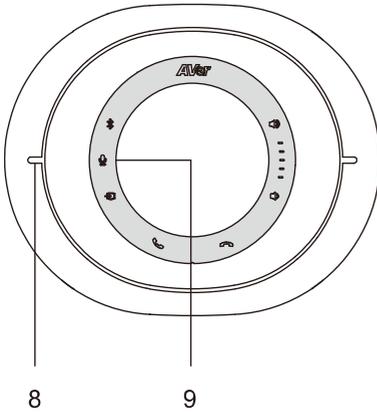
Dimensions



Parts Info



1. Phone In Port
2. Expansion Port (red)
3. Line Out Port
4. Micro USB 2.0 Port
5. Ethernet Port
6. DC Power Jack
7. Kensington Lock
8. Speakerphone Indicators
9. Control Panel



Tap the icons to:

-  Pair, turn Bluetooth on or off
-  Mute, unmute microphone
-  Turn phone in on or off
-  Answer call
-  End call
-  Volume down, tap and hold to mute speaker
-  Volume up, tap to unmute speaker

LED Indicators

- **Speakerphone**

Color	Status
Solid blue	Normal
Solid orange	Standby
Solid red	Microphone muted
No light	Power off

- **Control Panel**

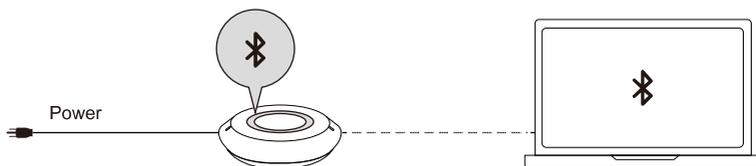
Color	Status	
	Solid white	Bluetooth off
	Solid blue	Bluetooth on
	Solid white	Unmuted
	Solid red	Muted
	Solid white	Phone in off
	Solid blue	Phone in on
	No light	Not connected to phone

Connections

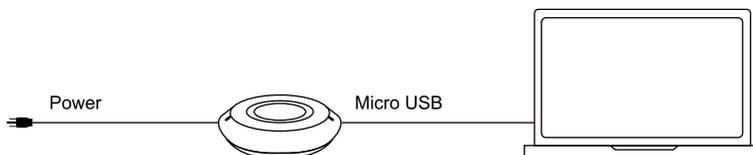
Device Connection

- **Bluetooth**

1. Tap the **Bluetooth** icon  on the control panel to start pairing.
2. Open the Bluetooth settings on your computer and select FONE540 to connect.



- **Wired**

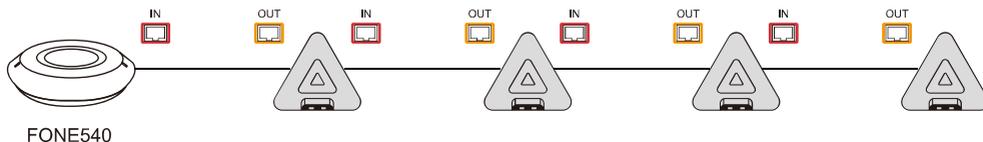
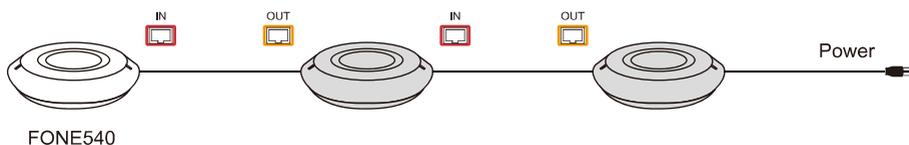


Expansion Speakerphone or Expansion Microphone Connection

FONE540 Speakerphone (firmware version 7000.44 or later) can daisy-chain up to 2 expansion speakerphones or 4 expansion microphones.

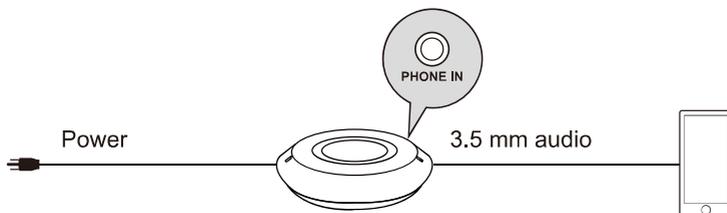
Note:

- When you daisy-chain, the total cable length must be shorter than 40 m. If the total cable length is longer than 20 m, connect the expansion speakerphones to a power source.
- The expansion microphone can't be used alone.



Phone Connection

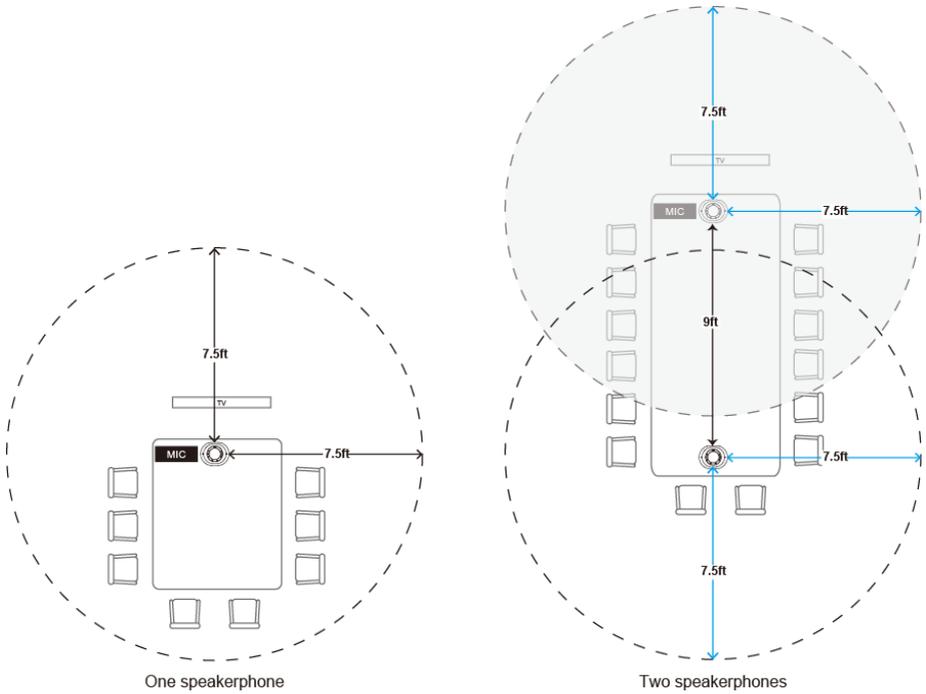
1. Connect a mobile phone to the FONE540 speakerphone with the 3.5 mm audio cable.
2. Tap the **phone in** icon  to turn on phone in (solid blue light), and tap again to turn off phone in (solid white light).
3. When you unplug the audio cable, the indicator will go off.



Installation

Audio Signal Receive Range

The best distance for the speakerphone to receive audio signal is within 7.5 ft radius. When connecting two or more speakerphones, the distance between the speakerphones must be 9 ft.



Get Started

Make an Audio Call

The FONE540 is a plug-n-play conference speakerphone. Open your video conferencing software and select the FONE540 for **Audio**.

Access the Web Interface

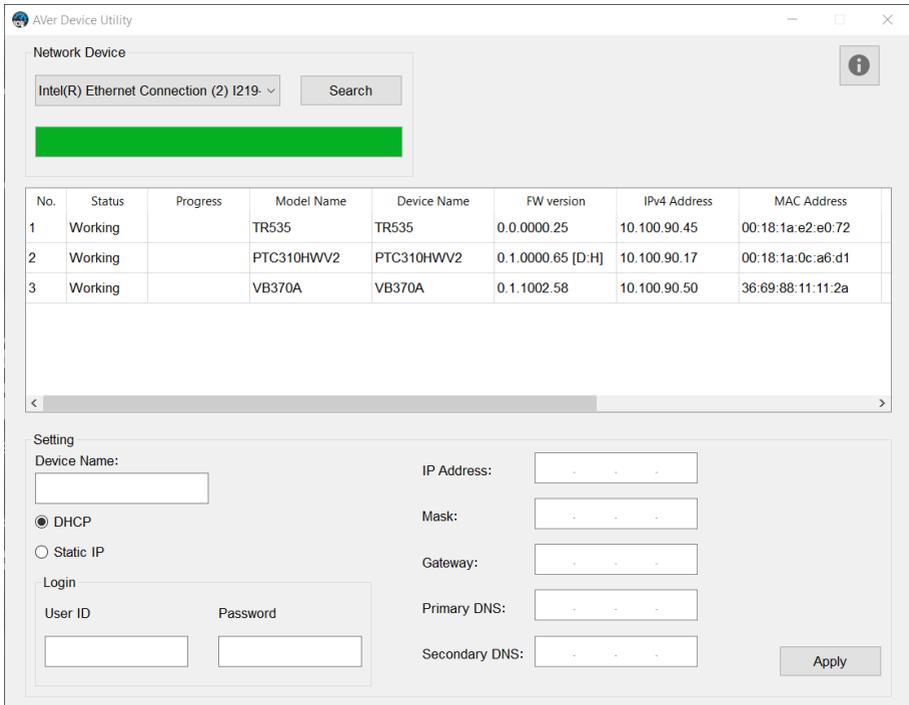
To access the web interface of the speakerphone, you can use any of the following software to find its IP address:

- AVer Device Utility
- Room Management

Note:

- The speakerphone default network is DHCP.
- The speakerphone default password is **aver4321**.

AVer Device Utility



The screenshot shows the AVer Device Utility window. At the top, there is a 'Network Device' section with a dropdown menu set to 'Intel(R) Ethernet Connection (2) I219-' and a 'Search' button. Below this is a green bar. The main area contains a table with the following data:

No.	Status	Progress	Model Name	Device Name	FW version	IPv4 Address	MAC Address
1	Working		TR535	TR535	0.0.0000.25	10.100.90.45	00:18:1a:e2:e0:72
2	Working		PTC310HWV2	PTC310HWV2	0.1.0000.65 [D:H]	10.100.90.17	00:18:1a:0c:a6:d1
3	Working		VB370A	VB370A	0.1.1002.58	10.100.90.50	36:69:88:11:11:2a

Below the table is a 'Setting' section with the following fields:

- Device Name: [Text Field]
- IP Address: [Text Field]
- Mask: [Text Field]
- Gateway: [Text Field]
- Primary DNS: [Text Field]
- Secondary DNS: [Text Field]
- Static IP: (Selected)
- DHCP:
- Login: [Text Field]
- User ID: [Text Field]
- Password: [Text Field]
- Apply: [Button]

To access the web interface:

1. Download and install AVer Device Utility to your computer from AVer Download Center (<https://www.aver.com/download-center>) and launch the software.
2. Click **Search** to see available devices on the same local area network (LAN).

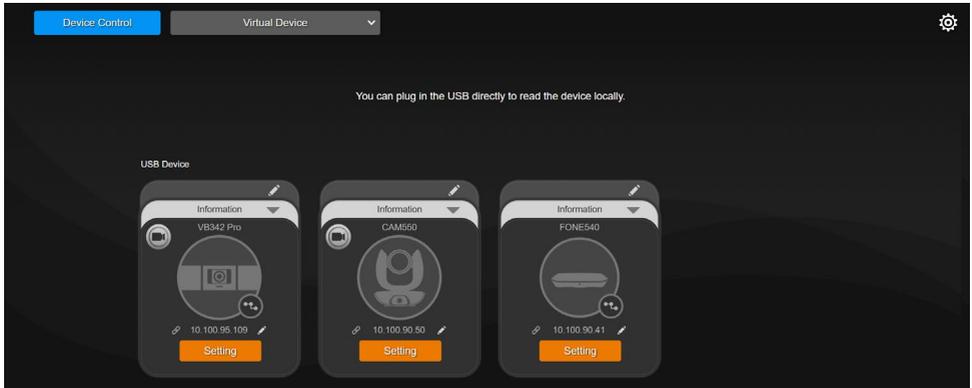
Note:

- Make sure your speakerphone has internet.
 - AVer Device Utility and speakerphone must be on the same LAN.
3. Double-click on your speakerphone's IP address in the **IPv4 Address** column to open the web interface in your browser.

To change your network to DHCP or static IP:

1. Select the checkbox of your speakerphone.
2. Enter the changed password in the **Login** field.
3. Select **DHCP** or **Static IP**, then enter your network settings if applicable in the **Settings** section.
4. Click **Apply**.

Room Management



To access the web interface:

1. Download and install Room Management to your computer from AVer Download Center. (<https://www.aver.com/download-center>) and launch the software.

Note:

- Make sure your speakerphone has internet.
 - Room Management and speakerphone must be on the same LAN.
 - Recommended browser: Chrome 76 and above, Firefox 69 and above.
2. Connect your device to your computer using the included micro USB cable. Your device should appear under the **Device Control** page.
 3. Click the **hyperlink** icon  on the device card to open the web interface in your browser.

To change your network to DHCP or static IP:

1. Click the **pencil icon**  on the device card.
2. Select **DHCP** or **Static IP**, then enter your network settings if applicable.
3. Click **Confirm**.



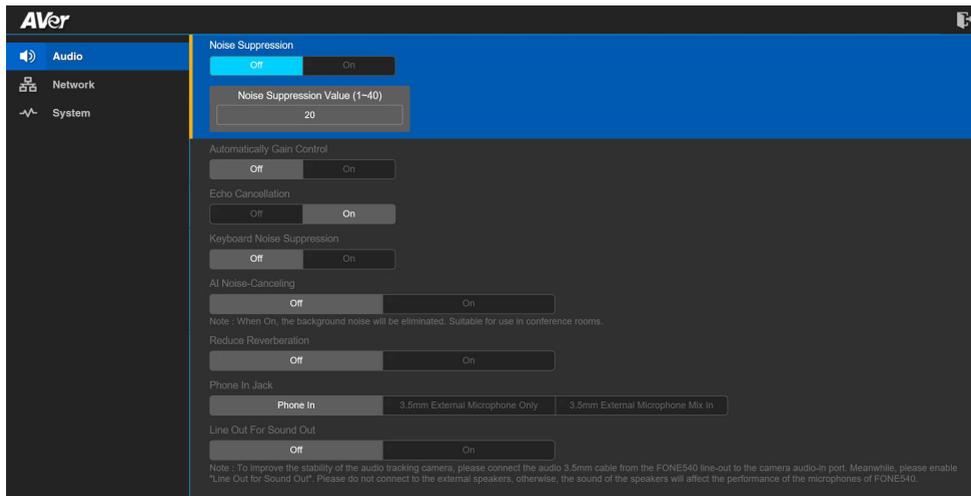
Log In for the First Time

When you log in for the first time, enter the default password **aver4321**. You will be prompted to set up a new account and password. The account and password cannot be the same.

- Account: Use 1-32 characters.
- Password: Use 8-32 characters and a combination of uppercase letters, lowercase letters, numbers, and symbols (! \$ % ' () * + , - . / < = > ? @ [\] ^ _ { } ~).

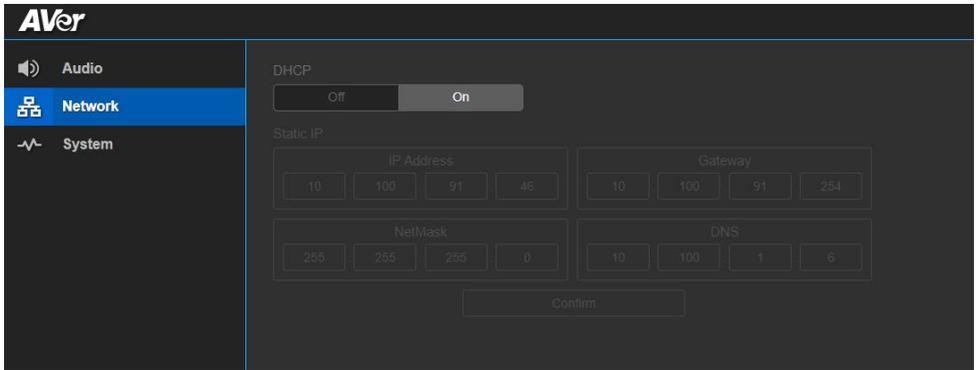
Web Interface

Audio



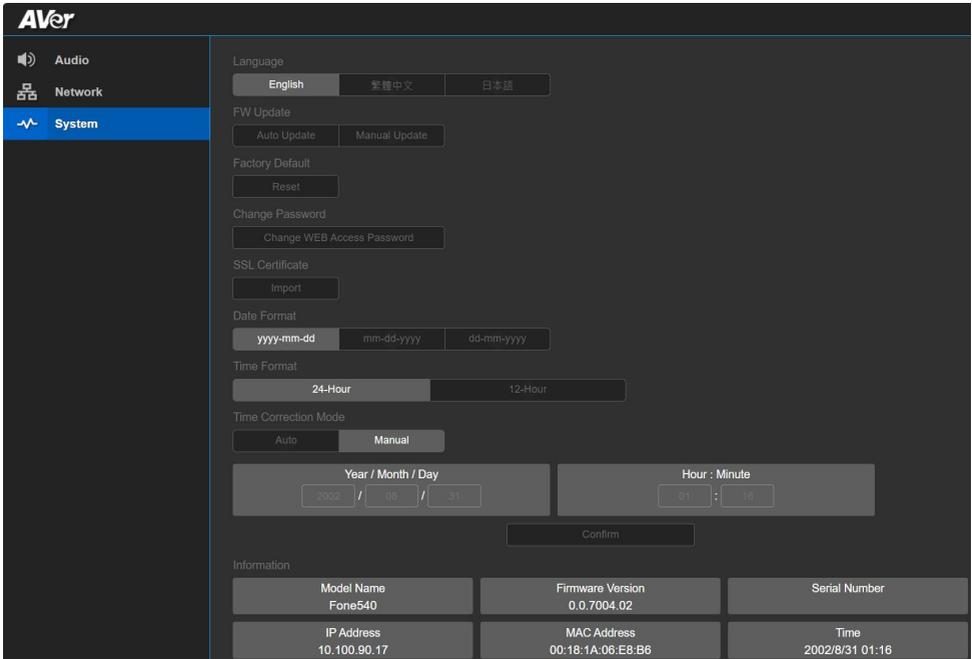
Item	Description
Nosie Suppression	Reduce ambient noise.
Automatically Gain Control	Turn automatic gain control on or off.
Echo Cancellation	Reduce echo.
Keyboard Noise Suppression	Reduce keyboard noise.
AI Noise-Canceling	Reduce the sound of crying babies or barking dogs.
Reduce Reverberation	Reduce the sound reverberation within a room.
Phone In Jack	Select an option based on the device connected to the phone in port and use case: <ul style="list-style-type: none">• Phone In: Connect a smartphone to communicate with remote participants.• 3.5 mm Microphone Only: Use only your connected external microphones as audio source.• 3.5 mm Microphone Mix In: Use both the FONE540 and your connected external microphones as audio source.
Line Out For Sound Out	To improve the stability of a voice-tracking camera: <ol style="list-style-type: none">1. Connect the line out port on the FONE540 and the audio in port on the camera with the 3.5mm audio cable.2. Turn on Line Out for Sound Out.3. Do not connect external speakers to the FONE540. Doing so may interfere with the microphones of FONE540.

Network



Item	Description
DHCP	Turn DHCP on or off.
Static IP	To assign a static IP address: <ol style="list-style-type: none">1. Turn off DHCP.2. Enter IP Address, Gateway, Net Mask, and DNS.3. Click Confirm.

System



The screenshot displays the AVer system configuration web interface. The 'System' menu is active. The main configuration area includes sections for Language, FW Update, Factory Default, Change Password, SSL Certificate, Date Format, Time Format, and Time Correction Mode. At the bottom, an 'Information' table provides details about the device's model, firmware, serial number, IP address, MAC address, and current time.

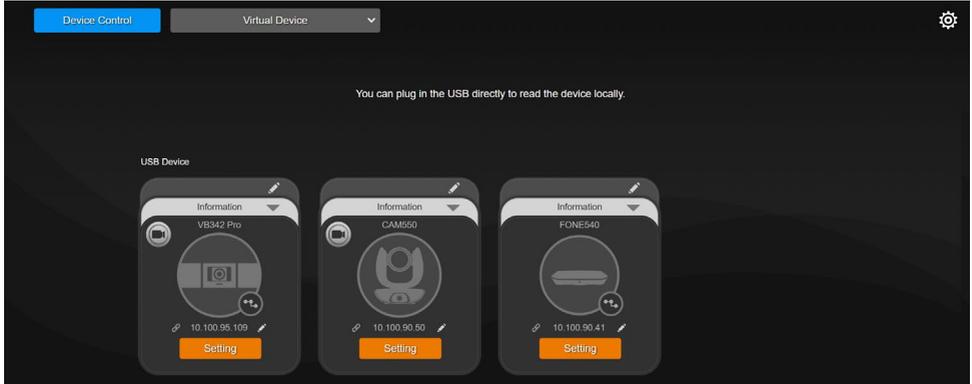
Item	Value
Model Name	FoneS40
Firmware Version	0.0.7004.02
Serial Number	
IP Address	10.100.80.17
MAC Address	00:18:1A:06:E8:B6
Time	2002/8/31 01:16

Item	Description
Language	Select a language for the web interface.
FW Update	Update your speakerphone's firmware. <ul style="list-style-type: none"> • Auto Update: Checks and updates online. • Manual Update: Update the firmware using a file offline. <p>Note: The speakerphone will reboot and the connection will be lost. Please wait a few minutes and keep the power cable connected. Unplugging the cable during this process may damage the device.</p>
Factory Default	Reset your speakerphone to factory default settings. You can choose to keep the IP address by selecting the checkmark. <ul style="list-style-type: none"> • If you forgot your password, use Room Management to reset the web interface password to the default aver4321.
Change Password	Change the web interface password. Refer to <Log In for the First Time> . <ul style="list-style-type: none"> • If you forgot your password, use Room Management to reset the web interface password to the default aver4321.
SSL Certificate	Upload an SSL certificate.

Date Format	Select a date format.
Time Format	Select a time format.
Time Correction Mode	Select a time correction mode. <ul style="list-style-type: none">• Auto: Enter your Network Time Protocol (NTP) server URL to synchronize the clock. The default NTP server is located in the US.• Manual: Enter the date and time to set up the clock.
Information	Displays your speakerphone information such as IP address.

Room Management

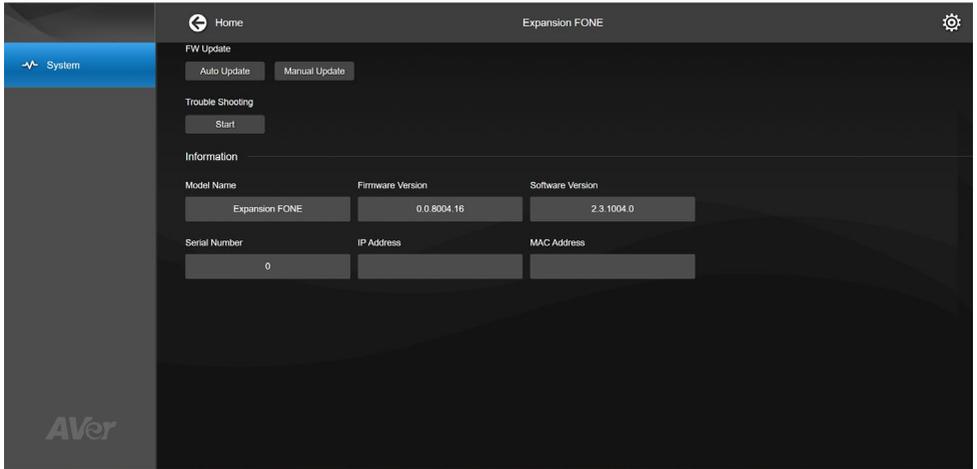
Configure Settings on Room Management



1. Download Room Management from AVer Download Center to your computer and launch the application.
2. Connect your device to your computer using the included micro USB cable. Your device should appear under the **Device Control** page.
3. Click **Setting** to control audio settings.
For additional information, please refer to Room Management user manual.



Upgrade Expansion Speakerphone Firmware on Room Management



1. Download Room Management from AVer Download Center to your computer and launch the application.
2. Connect the expansion speakerphone to your computer using the included micro USB cable, then connect the expansion speakerphone to a power source with the power cord. Your device should appear under the **Device Control** page.
3. Click **Setting** to upgrade firmware.

