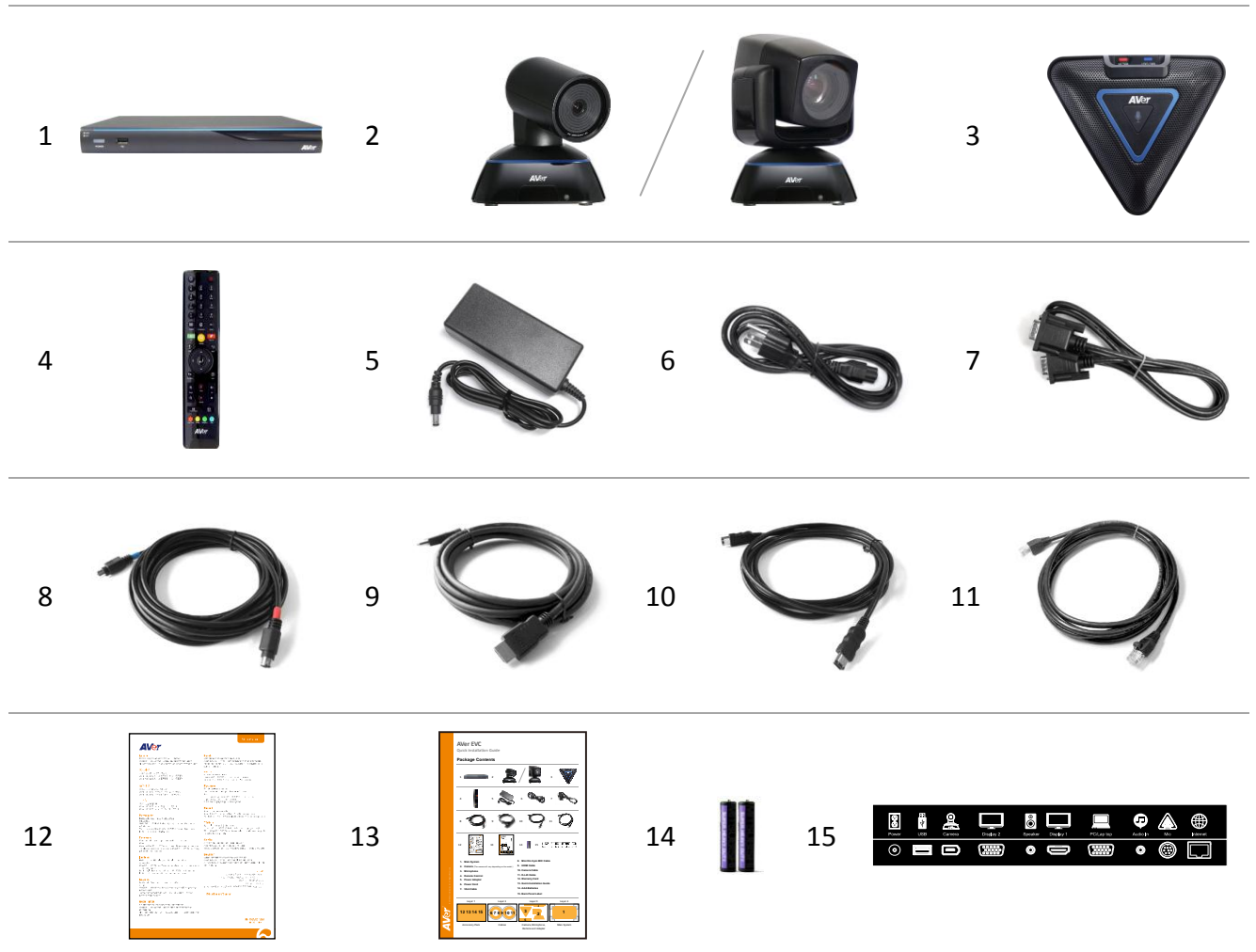# AVer EVC
Quick Installation Guide

Package Contents

1   2   3

4   5   6   7

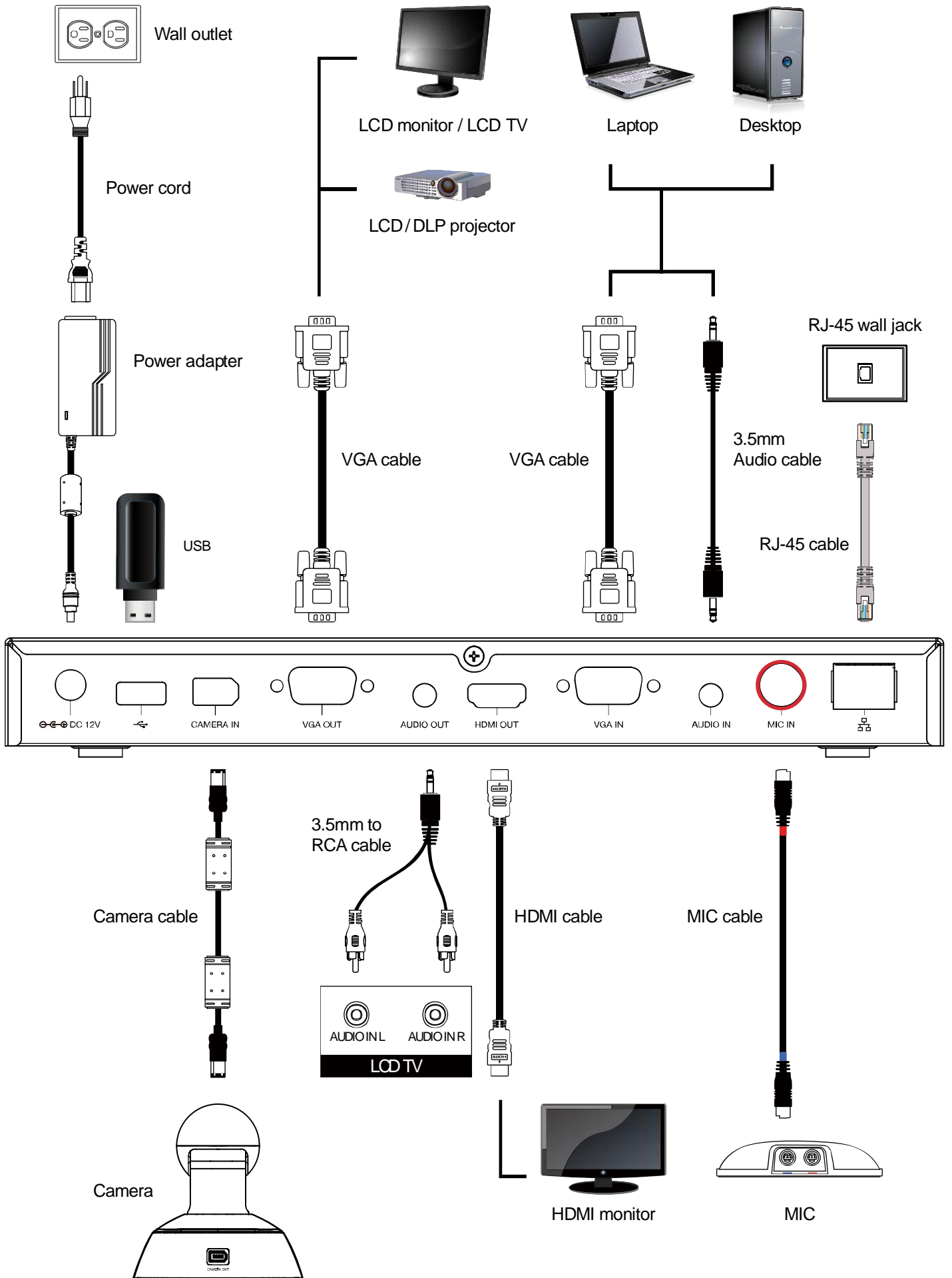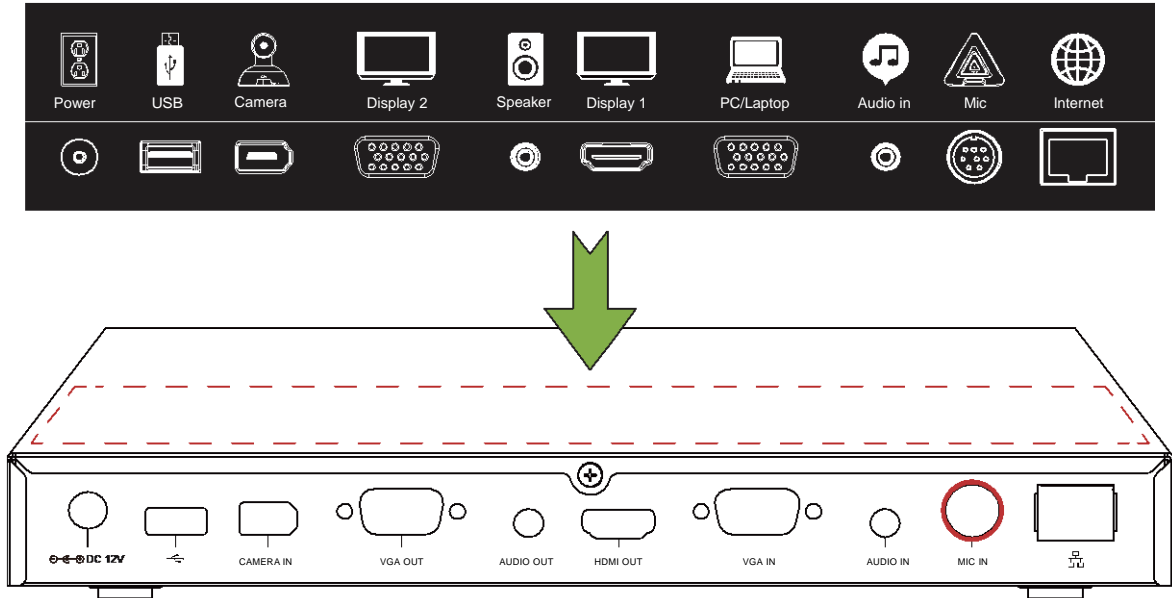8   9   10   11

12   13   14   15

1. **Main System**
2. **Camera** (The camera will vary depending on the model.)
3. **Microphone**
4. **Remote Control**
5. **Power Adapter**
6. **Power Cord**
7. **VGA Cable**

8. **Mini Din 8 pin MIC Cable**
9. **HDMI Cable**
10. **Camera Cable**
11. **RJ-45 Cable**
12. **Warranty Card**
13. **Quick Installation Guide**
14. **AAA Batteries**
15. **Back Panel Label**

Layer 1	Layer 2	Layer 3	Layer 4
12 13 14 15	**6 7 8 9 10 11**	**3** **4** **2** **5**	**1**
Accessory Pack	Cables	Camera, Microphone, Remote and Adapter	Main System

Connection Diagram

Wall outlet

Power cord

Power adapter

USB

VGA cable

LCD monitor / LCD TV

LCD / DLP projector

Laptop

Desktop

VGA cable

3.5mm
Audio cable

RJ-45 wall jack

RJ-45 cable

DC 12V CAMERA IN VGA OUT AUDIO OUT HDMI OUT VGA IN AUDIO IN MIC IN

Camera cable

3.5mm to
RCA cable

AUDIO IN L   AUDIO IN R

LCD TV

HDMI cable

MIC cable

Camera

HDMI monitor

MIC

Put back panel label on main system

Power	USB	Camera	Display 2	Speaker	Display 1	PC/Laptop	Audio in	Mic	Internet

⊶⊷⊗ DC 12V   CAMERA IN   VGA OUT   AUDIO OUT   HDMI OUT   VGA IN   AUDIO IN   MIC IN

Setup Wizard

For the first time using AVer EVC system, the Installation Wizard will guide you to setup your EVC system step by step. After completing the wizard setup, user may start to use your EVC system.

1. Connect your EVC system well and turn on the power. After your EVC system starting, user will see the

   Installation Wizard screen shown up. Press ⏎ to start installation wizard setup.
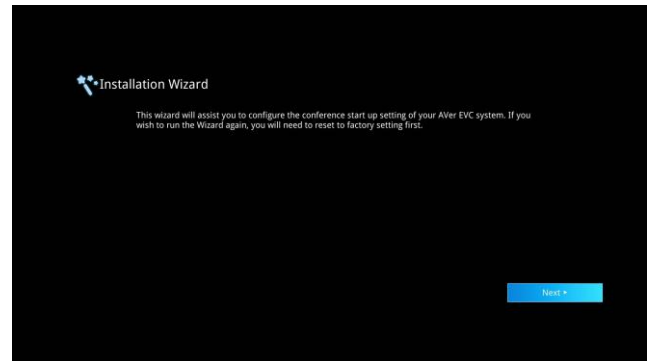
2. Language: Select the language of your EVC system.

3. Press ⏎ to expand the drop-down list. Then, use ∧

   or ∨ button to move the selection and press ⏎ to

   make the selection. After selecting, press ＞ to move to

   "Next" option and press ⏎ to go to the next step.
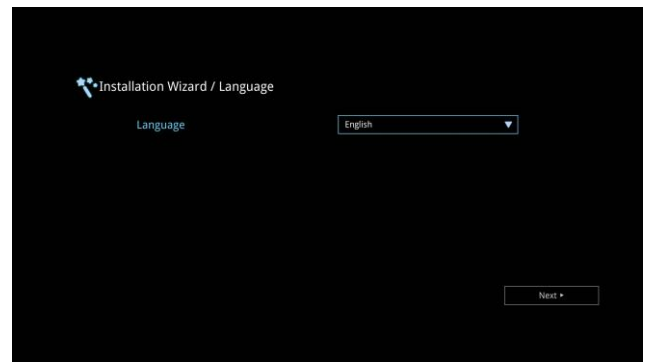
4. Follow the instructions and complete your settings.

5. Click "Finish" to complete the Installation Wizard setup and go to home menu.

6. Please press 📞 on the remote to start making a call.
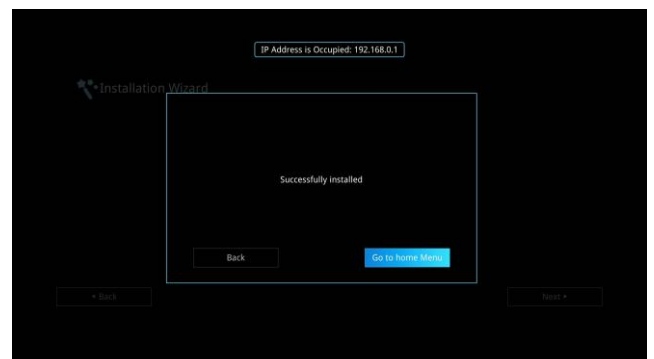
Network Quick Setup Guide

Default IP address: 192.168.0.1.
Please change your EVC's IP address at the start.

There are three possible setup scenarios for most video conferencing users, if yours is:

1. Public IP Configuration (Outside of Firewall).

2. Private IP Configuration (Behind Firewall with Port Forwarding). Please refer to the following table "EVC H.323 Related Port Usage for Firewall Setup" for your firewall Port forwarding setup.

3. H.460 Gatekeeper with Firewall Traversal. Please refer to the following table "EVC H.323 Related Port Usage for Firewall Setup "for your firewall Port forwarding setup.

EVC H.323 Related Port Usage for Firewall Setup

(Please set the following ports in port forwarding in your firewall before start installing your EVC)

Port	Function	Type
1719	Gatekeeper	UDP
1720	H.323 Call setup	TCP
30000 ~ 30019	Signaling and control for audio, call, video, and data/FECC	TCP and UDP
80	HTTP Interface (WebTool)	TCP
23	Telnet	TCP
5060	SIP	TCP and UDP

Scenario 1 – Public IP Configuration (Outside of Firewall)

Your EVC is connecting directly to the internet.

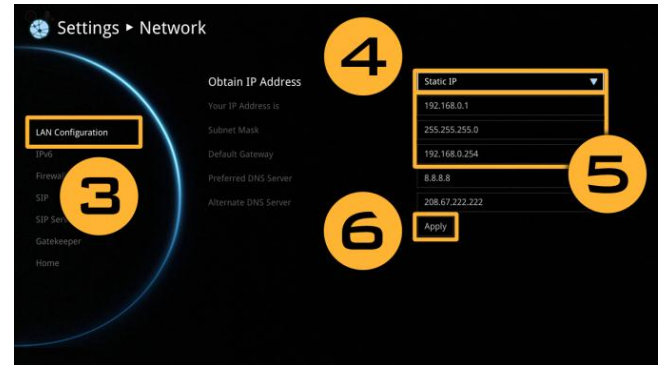EVC   Internet

1. From the remote press "Home"-> ▶ -> ⚙ "Setting".
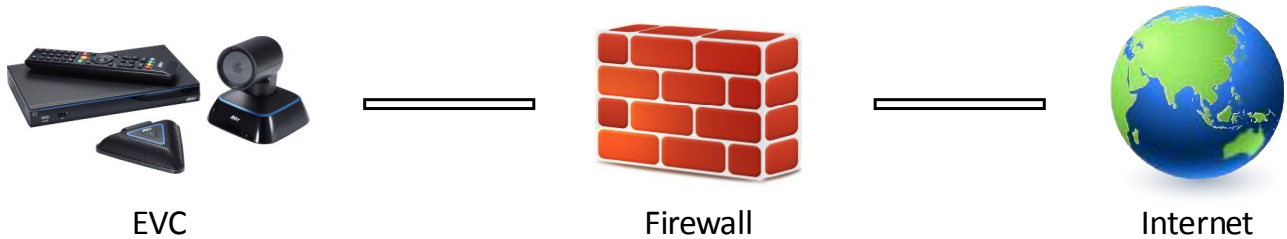
2. Press ⌄ -> 🕐 "Network".

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3. Press "LAN Configuration".
4. And In the drop-down list "Obtain IP address", choose "Static IP".
5. Manually input the "IP address", "Subnet Mask" and "Default Gateway".
6. Select "Apply" and press ⏎ (Enter).
7. Press "Home" on the remote to return to the home menu.
8. Press the 📞 (Call) button on the remote and you are ready to make your first call.

Scenario 2 –Private IP Configuration (Behind Firewall with Port Forwarding)

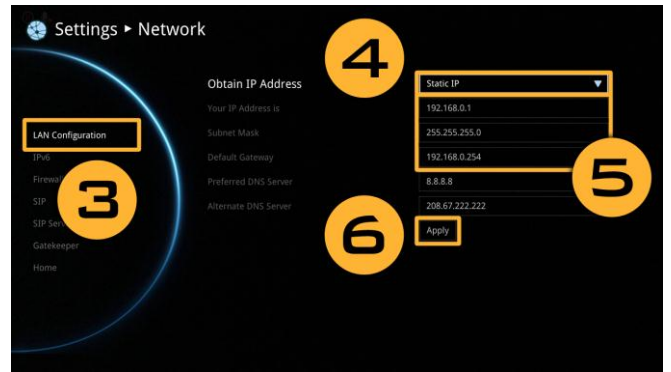Your EVC is connecting to the internet through a firewall.

| EVC | Firewall | Internet |

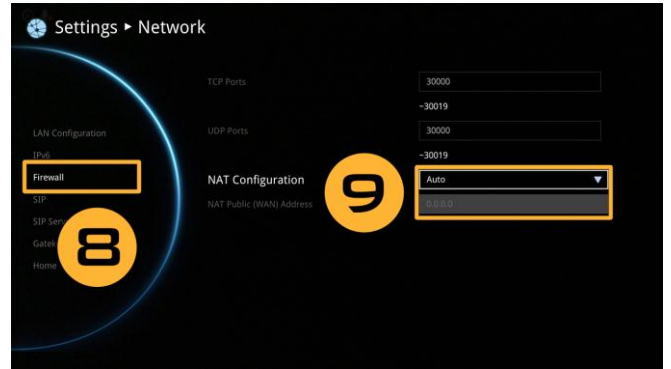1. From the remote press "Home"-> ❯ -> ⚙ "Setting".

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2. Press ⌄ -> 🕐 "Network".

3. Press "LAN Configuration".
4. And In the drop-down list "Obtain IP address", choose "Static IP".
5. Manually input the "IP address", "Subnet Mask" and "Default Gateway".
6. Select "Apply" and press ⏎ (Enter).
7. Press ↺ (Back) on the remote to return to previous menu. (If you have H.323 ALG enabled, skip to step 10).

8. In the same page, go to "Firewall" and press ⏎ (Enter).
9. Select "ON" in the NAT check box and enter the IP address in the "NAT Public (WAN) address" field.
10. Press the "Home" button on the remote to return the home menu.
11. Press the 📞 Call button on the remote and you are ready to make your first call.

Scenario 3 – H.460 Gatekeeper with Firewall Traversal

Your EVC is connecting to the internet through a firewall and you have a Gatekeeper outside the firewall.
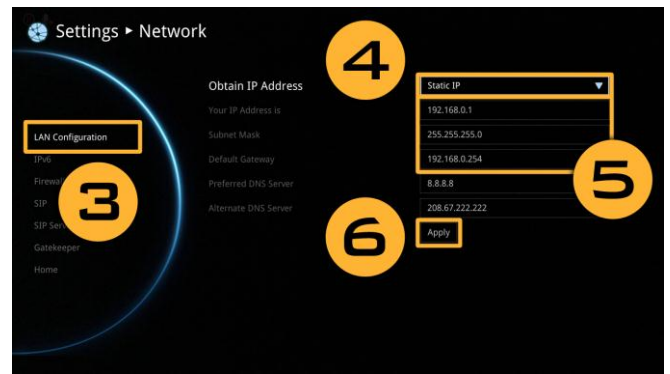
EVC   Firewall   Gatekeeper   Internet

1. From the remote press "Home"-> ▶ -> ⚙ "Setting".

2. Press ⌄ -> ⚙ "Network".

3. Press "LAN Configuration (IPv4)".
4. And In the drop-down list "Obtain IP address", choose "Static IP".
5. Manually input the "IP address", "Subnet Mask" and "Default Gateway".
6. Select "Apply" and press ⏎ (Enter).
7. In the same page, go to "Gatekeeper" and press ⏎ (Enter).

8. Enter the IP address of your Gatekeeper in the "Gatekeeper IP Address" field and enable the "Use Gatekeeper" check box.
9. Enable the "Enable H.460 firewall Traversal" option.
10. Press the "Home" button on the remote to return the home menu.
11. Press the 📞 (Call) button on the remote and you are ready to make your first call.
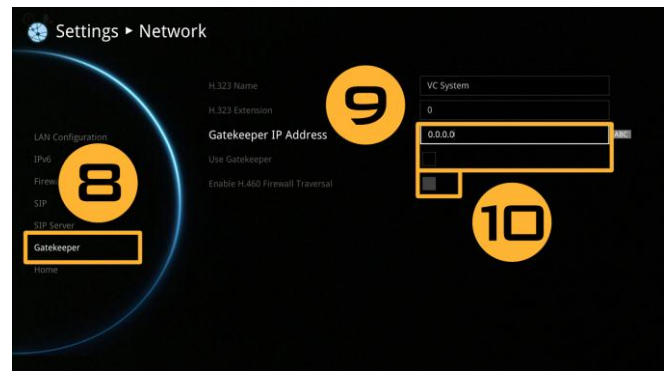
Troubleshooting

1. Make sure you have changed your default IP address. The default IP address is 192.168.0.1, in order not to conflict with other devices in the same LAN, please change your IP address at the start.
2. Video conference call is established but no video or voice.
    - If you are connecting to AVer EVC with firewall, make sure you have done the port forwarding correctly. For non H.323 ALG firewall, please set the NAT configuration and the WAN IP address on AVer EVC system is entered.
    - We suggest having a fixed public IP address for AVer EVC system. With Dynamic public IP address, it will change after a certain period which depends on your local ISP.
    - There is a routing issue if you installed two AVer EVC systems sharing one public IP address.
3. Unable to connect to other Video Conferencing systems.
    - Check to see if you dial the correct IP address.
    - Ensure the power status of the device from the other site is on.
    - Verify if the firewall blocks the inbound traffics from the other site.
    - Verify if the other site rejected your Video Conferencing call.
4. Unable to see the OSD.
    - Check to see if your cable is connecting correctly.
    - Make sure your system and display are well-connected and then reboot your system. (Your display should be switched on before you reboot your system).
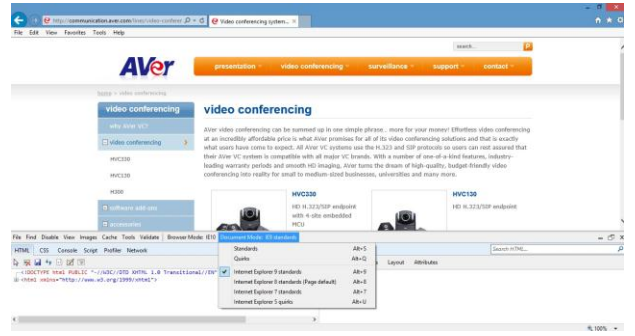
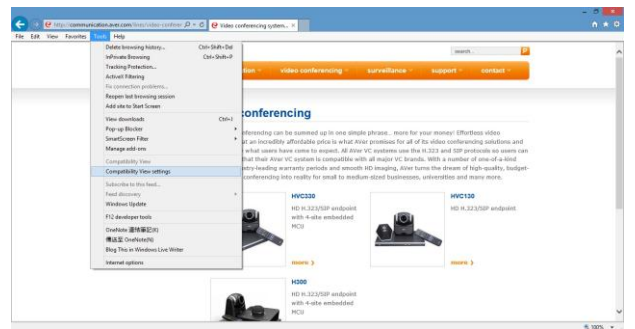5. Cannot open WebTool by IE 9 and IE 10.

1. Click ⚙ (Tools) in IE.

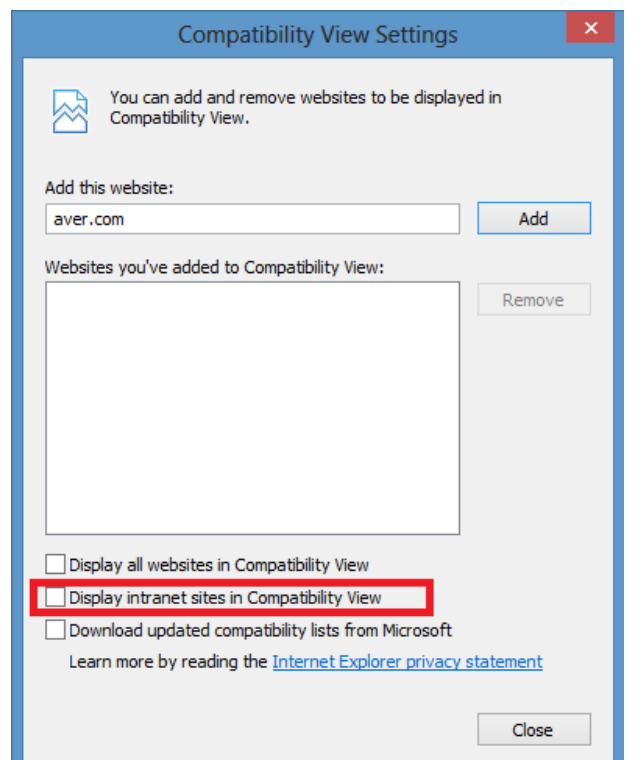2. Select "F12 developer tools".
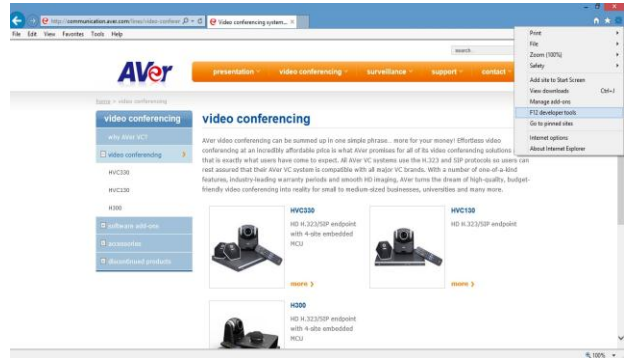
3. Change Document Mode to Internet Explorer 9
    standards.

4. Disable intranet sites in Compatibility View. Go to
    "Tools" → "Compatibility view settings".

5. Unclick the checkbox "Display intranet sites in
    Compatibility View" and then click "Close".

For more information, please visit and download EVC user manual at our website http://www.aver.com