

Q.con
Video Conferencing Solution

User Manual

Index

1. Operations and Functions.....1
Front Panel of Main Control Unit.....1
Rear Panel of Main Control Unit.....2
Introduction of Camera's Connectors.....3
Cabling.....4

2. Software Instructions.....5
Run the Software.....5
First Login.....6
Main Page.....7
Camera Setting.....8
Advanced Setting.....9

3. Start a Video Conference.....10
Skype Setting.....10
QQ Setting.....12
LINE Setting.....13
WeChat Setting.....14

4. Q&A.....15
5. Contact Us.....16

Operations and Functions

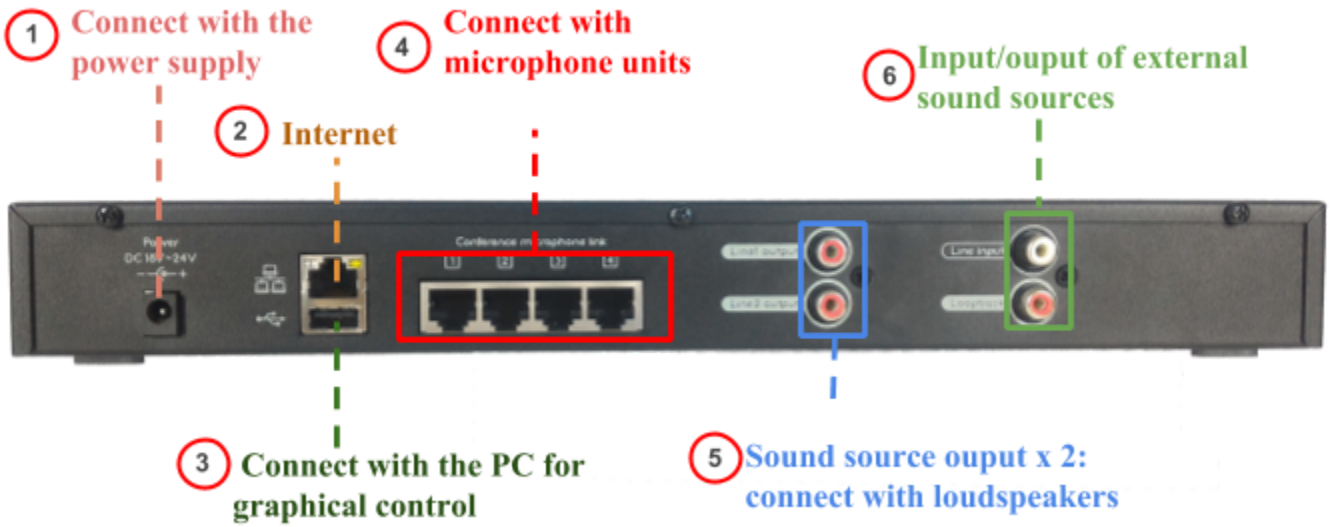
Front Panel of MCU



① **POWER:** press to turn ON/OFF.

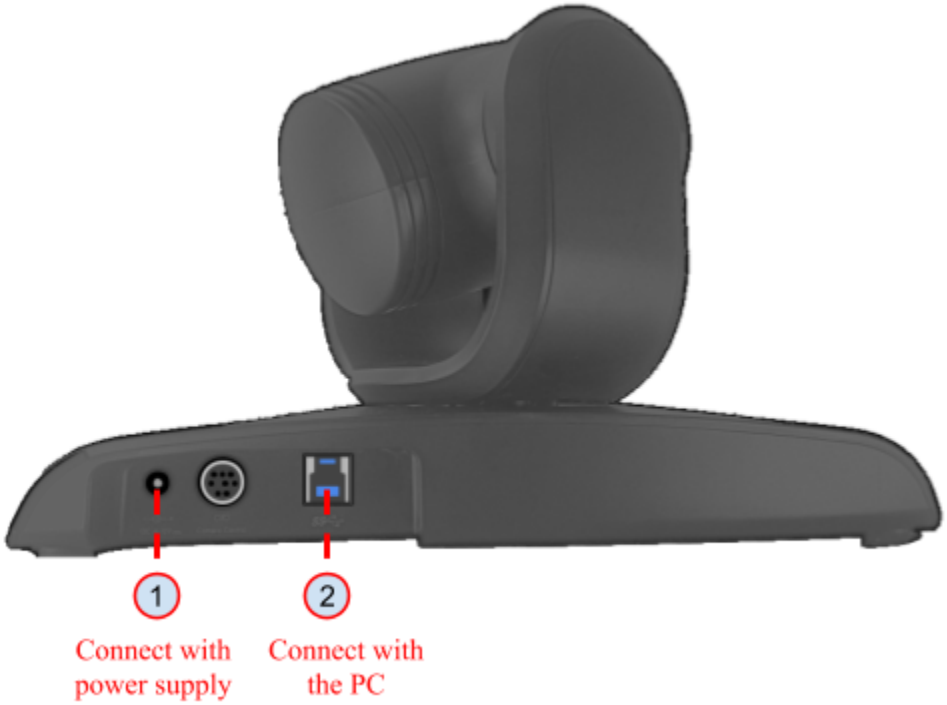
② **LED indicator light:** indicate the present power status. Green light represents ON; no light represents OFF.

Rear Panel of MCU



1. **DC POWER socket:** connecting with the power supply to provide the electricity.
2. **RJ-45 connector:** operating with TCP/IP mode via Internet.
3. **USB connector:** connecting with the PC to operate two-way audio transmission and signal control.
4. **RJ-45 connectors for conference microphone units:** connecting with specialized conferencing cables.
5. **RCA jacks for sound source output:** two sets of LINE OUT to connect with loudspeakers.
6. **RCA jacks for the input of external sound source:** loopback jack is able to output the sound source to other equipment.

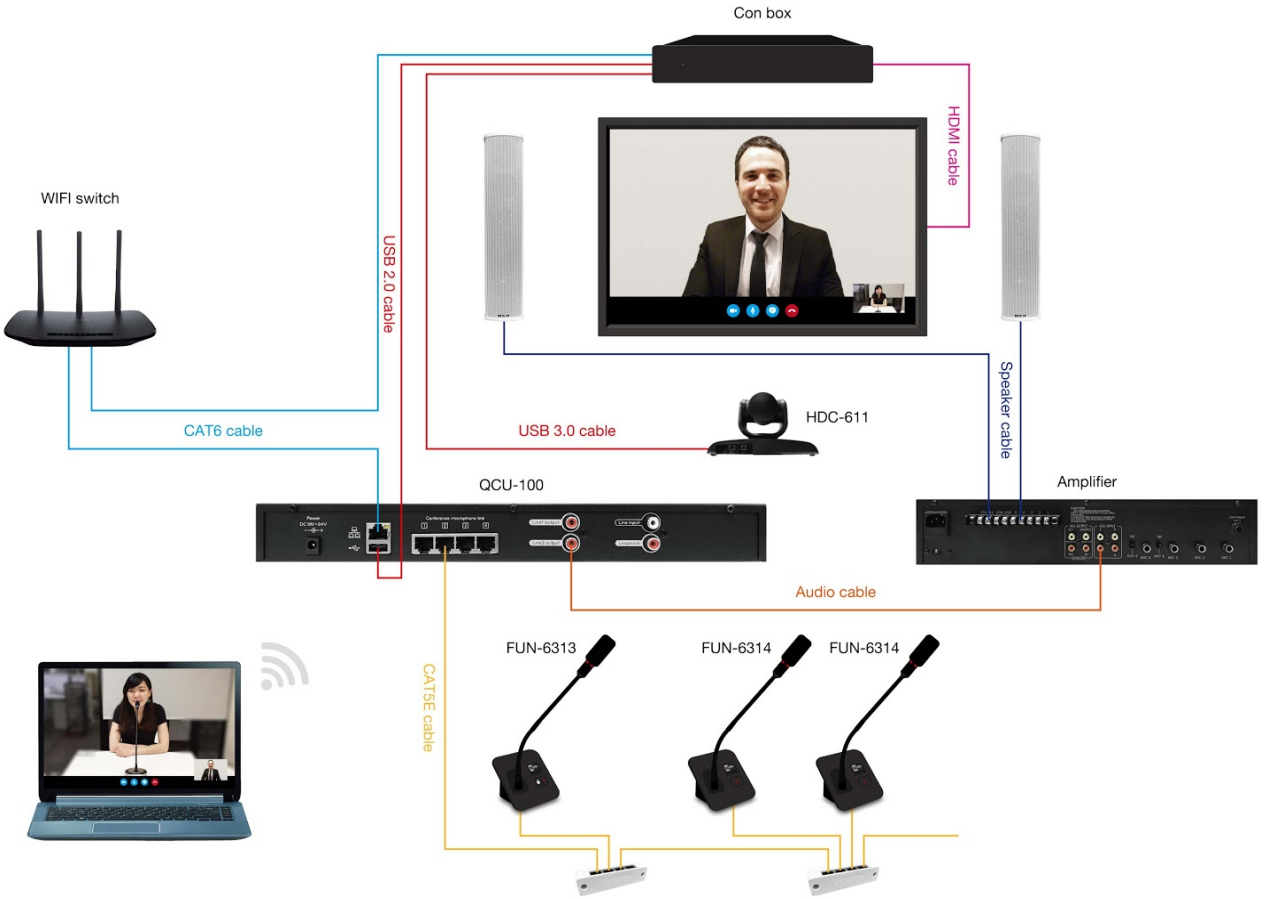
Introduction of Camera's Connectors



① **DC POWER socket:** connecting with the power supply to provide the electricity.

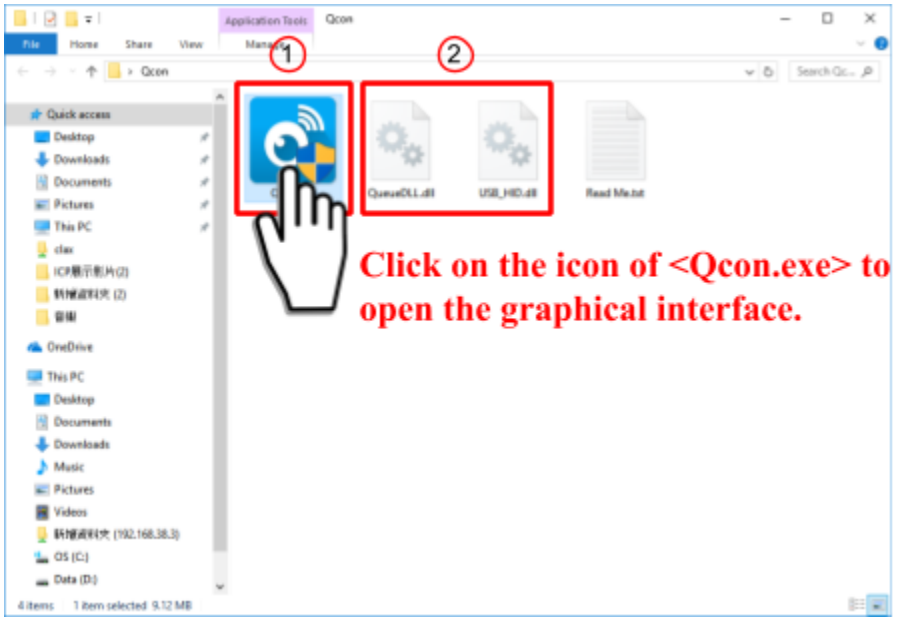
② **USB 3.0 connector:** connecting with the PC to operate camera control and image transmission.

Cabling


Con box
HDMI cable
WIFI switch
USB 2.0 cable
Speaker cable
CAT6 cable
USB 3.0 cable
HDC-611
QCU-100
Amplifier
Audio cable
FUN-6313
FUN-6314
FUN-6314
CAT5E cable

Software Instructions

Run the Software



① **Qcon.exe:** <OPERATE> software. Click the icon twice to run the software.

② **System file:** there're two system files for the software. If the files are missing or damaged, the software will be out of work.

First Login

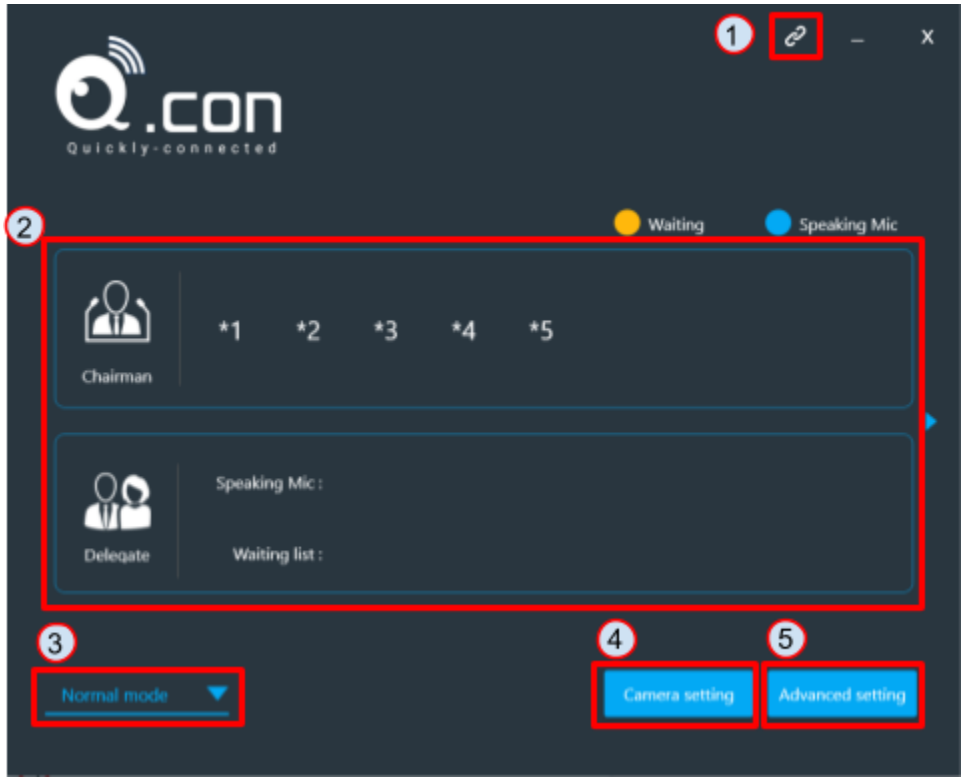


After installing the software in your PC, there would be a login page (as the left image). You can connect the PC to the MCU via Internet or USB.

1. **Device name:** the software is able to read the device name. If you want to change the name, please go to <Advanced Setting>.
2. **IP address of MCU:** if you connect the MCU via Internet, please enter the IP address such as 169.254.1.1.
3. **Password:** if you connect the MCU via Internet, please also enter the password for identification. The default password is 00000 (five zeroes).
4. **Connect/Skip:** if you connect via Internet, just click on <Connect> to log in. If you connect with USB, you don't need to enter IP address, just enter the password 00000 (five zeroes) to connect.
5. **Language:** Chinese/English.

☆This page would appear only when the user logs in at the first time.

Main Page



With the main page (as the left image), you can control microphone units and set conference modes.

1. **Connection status:** if the PC connects with the MCU successfully via Internet or USB, the icon will be shown with white; otherwise it will be shown with red.

2. **Status column:** show the status of microphone units and cameras. You can also see the ON/OFF status of microphones by this column.

3. **Conference modes:** Normal, Chariman, Override, and FIFO.
   Normal: under certain Open Mic quantity, all delegates have rights to turn on their microphones.
   Chairman: delegates can't speak unless the chairman agrees to the request.
   Override: under certain Open Mic quantity, delegates take turn speaking.
   FIFO: under certain Open Mic quantity, delegates speak in order.
   ☆ Chairman is always unrestricted.

4. **Camera setting:** turn on the camera image and related settings.

5. **Advanced setting:** click to do other settings.

Camera Setting



The main page of camera setting is as the left. You can control the camera and set the preset points.

1 **Image:** showing the taken image.

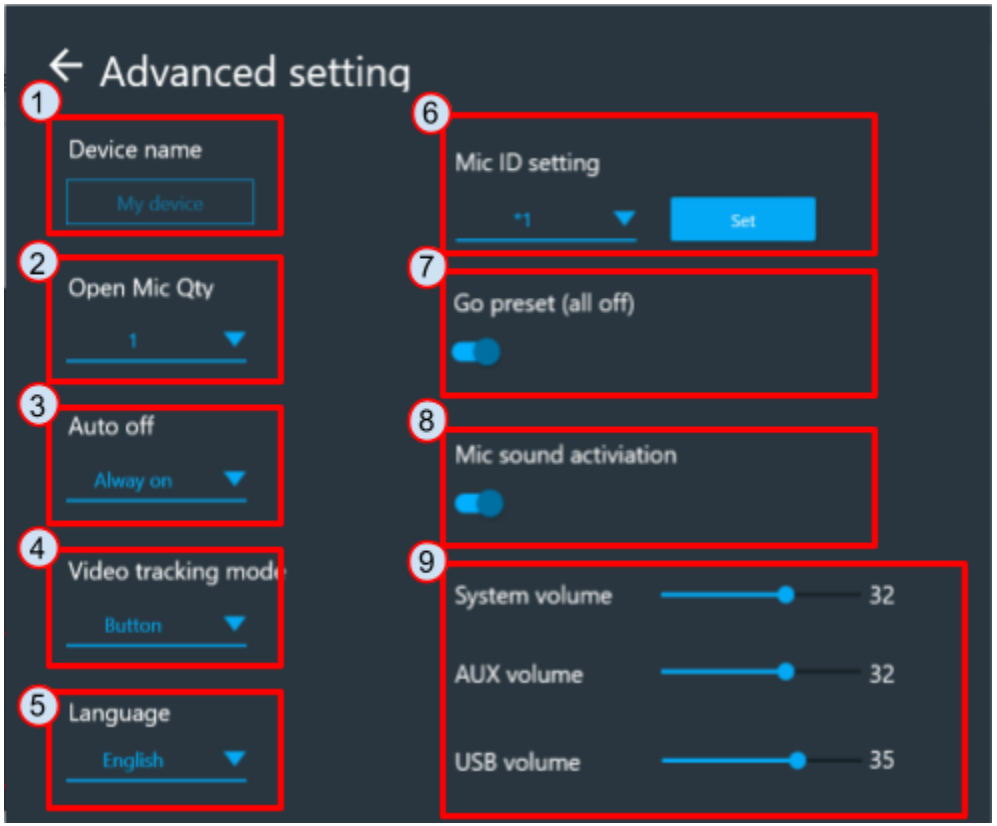
2 **Zoom in/out:** click <+> to enlarge (close up) the image; click <-> to push out the image.

3 **Camera moving speed:** 1-10 levels. You can also set the speed as <AUTO>.

4 **Directions:** control the camera to the UP / DOWN / LEFT / RIGHT.

5 **Preset point setting:** set the camera to the adequate position first. Select a microphone number and then click <Preset point setting> to finish the setting. Click <Move to the preset point> to ensure the microphone unit has been at the right position.

Advanced Setting



1 **Device name:** revise for easy identification and management.

2 **Open Mic qty:** set the open mic quantity for delegates.

3 **Auto OFF:** you can switch off this function or set as 30/45 seconds. If the MCU detects that the microphone unit does't receive any speaker's voice, the microphone would turn off automatically.

4 **Video tracking modes:** button/voice/OFF.

5 **Language:** support Chinese/English.

6 **Mic ID setting:** set the ID for each microphone unit.

7 **Go preset (all off):** when this function is on, the camera's direction would go back to the HOME point if all microphones are off. When this function is off, the camera's direction would stay at the image of the final microphone unit which is off.

8 **Mic sound activation:** when this function is on, attendees don't need to press the microphone's speaking button to talk. The microphone unit would be auto-on after 3 seconds that it detects the speaker's voice.

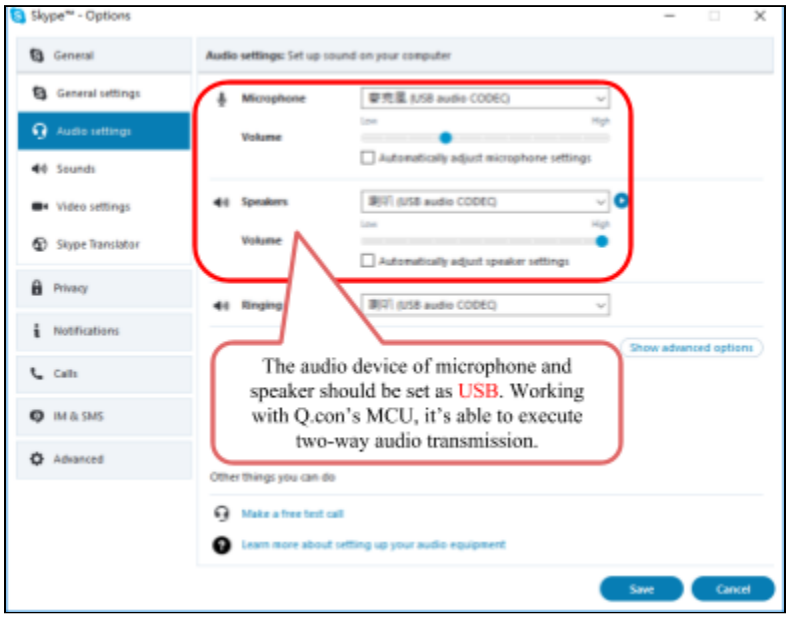
9 **Volume settings:** system volume is for microphone units' ; AUX is for external sound sources'; USB volume is for the sound output from the PC.

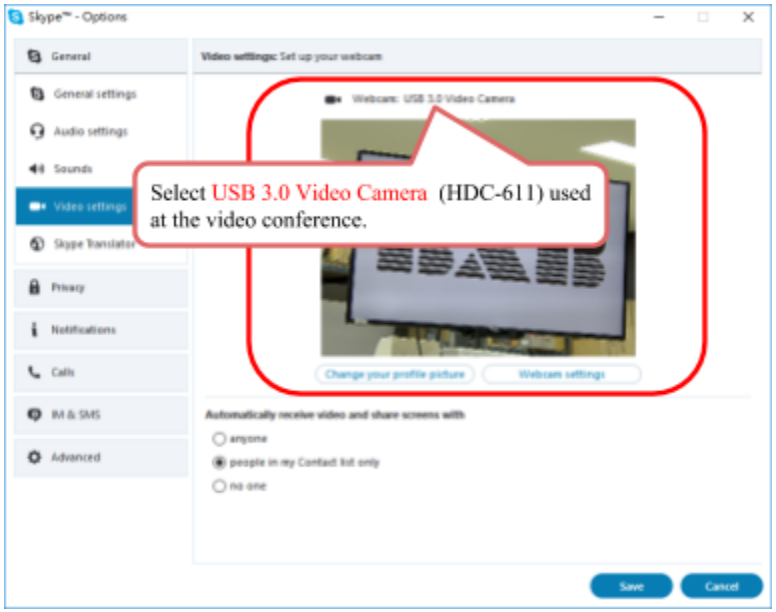
Start a Video Conference

Skype' Setting

Skype is the most commonly-used communication software. By working with Q.con, you just need to finish easy settings and then quickly start a video conference.

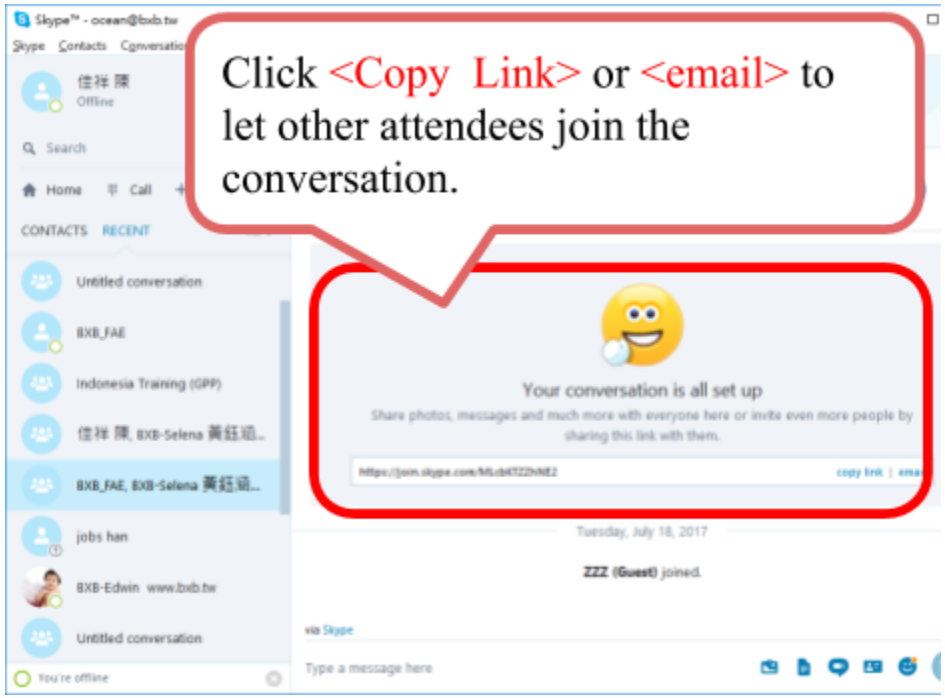
1. Audio and video setting.

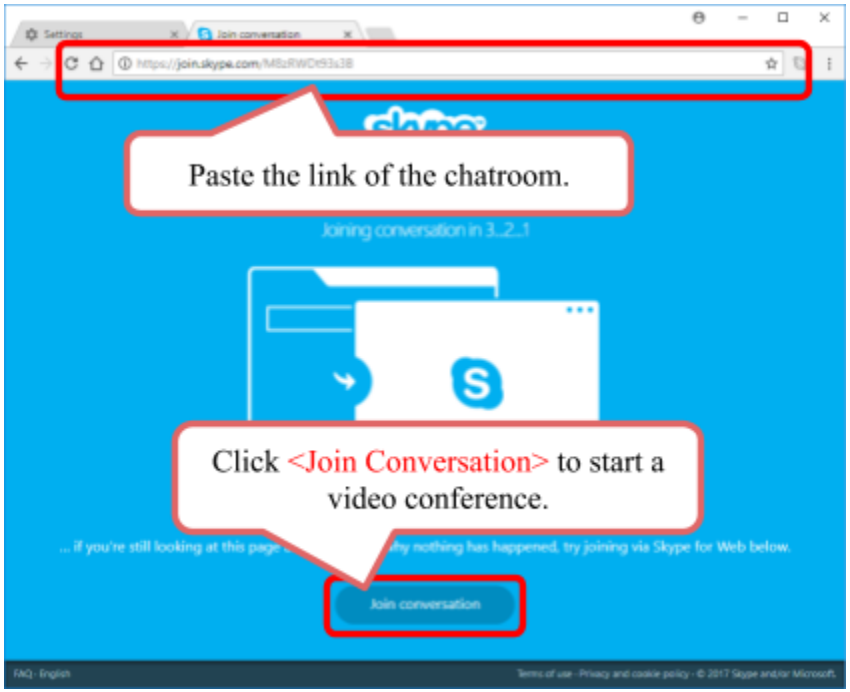




2. Start a video conference

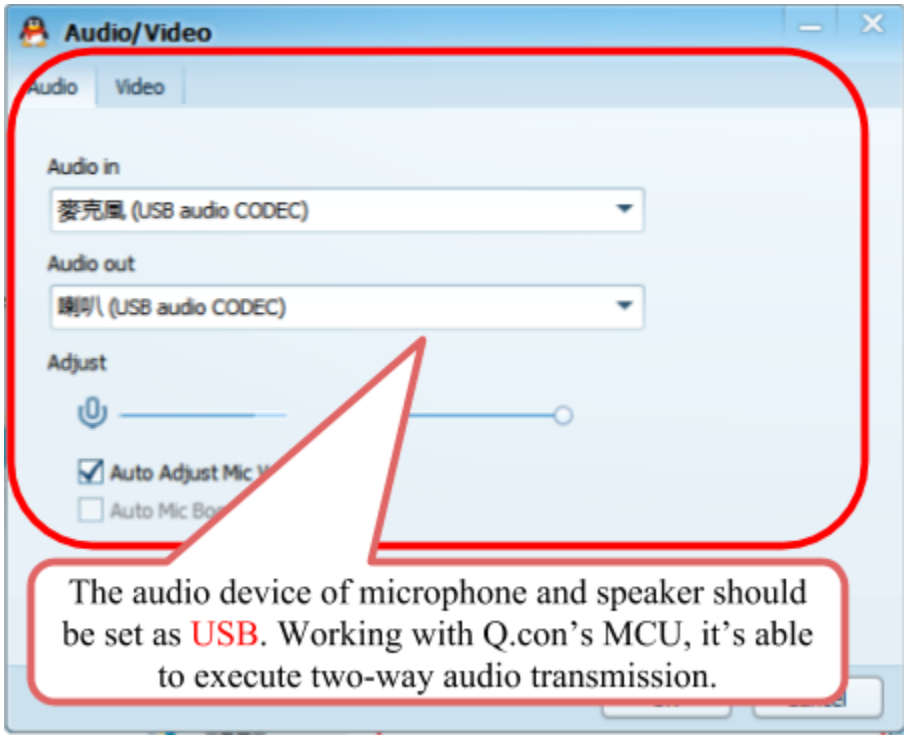
Skype supports the WEB interface without account registration. The meeting chairman can provide the link of chatroom to other attendees. The attendees just click <Join the Conversation> to start a video conference.

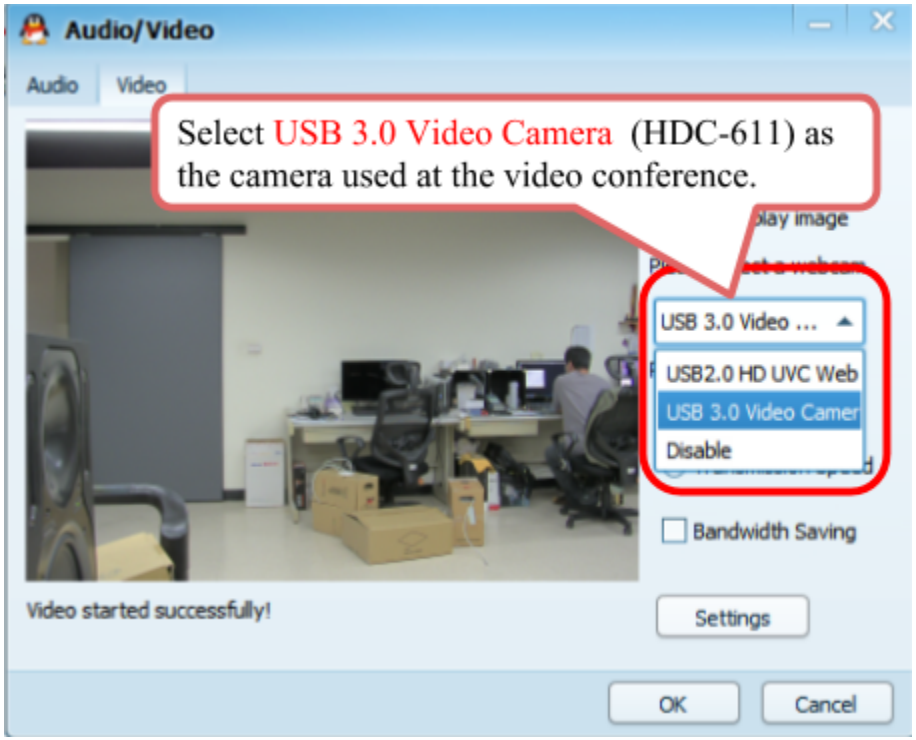




QQ's Setting

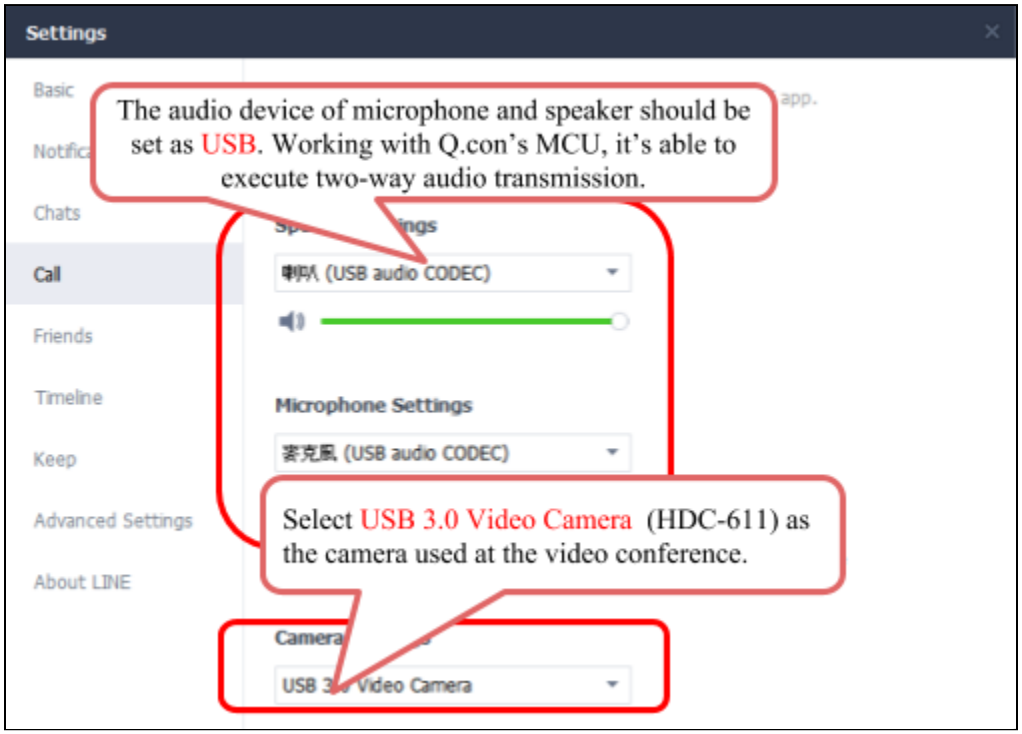
On the QQ's main page, please click the icon at the bottom-left side ☰. Select <Settings> for Advanced Setting.





LINE's Setting

On the LINE's main page, please click on the icon at the up-right side . Select <Setting> for Advanced Setting. Click on <Call> to make related settings.



WeChat's Setting

WeChat presently supports the one-by-one video call. The output/input of the sound source should be set as the default device of PC. For camera's setting, you only can do it during the video call.





Q&A

Q: After I open the page of camera setting and then run the communication software, the camera's image is all black and it can't execute video conferencing.
A: The camera's image is able to support one kind of software. We suggest you run the communication software first, and then run Q.con's software to ensure your image working normally.

Q: The video image is lagged and pausing. How do I let the image become smooth?
A: BXB's camera applies USB 3.0. Therefore, please make sure you use the USB 3.0 cable that BXB provides and then connect it to the PC's USB 3.0 port.

Q: The USB 3.0 cable BXB provdies is too short, can I use extension cords?
A: Yes, you can. But please make sure you use USB 3.0 extension cord to ensure the quality of signal transmission.

Q: Can the content of my video conferencing be recorded and saved?
A: Q.con's software doesn't offer video recording function. We suggest you choosing other recording software that supports the communication software that supports recording functions.

Q: The microphone unit's indicator light of the speaking button is always on; when I press the speaking button, I can't talk with the microphone.
A: The conference mode of QCU-100 (Q.con's MCU) may keep with Chairman mode, or there's the limitation of Open Mic Qty. Please go to <Advanced Setting> of Q.con's software to check the related settings.

Contact Us

www.bxb.tw

Copyright and Disclaimer

This document is protected by the laws of Taiwan R.O.C. BXB Electronics Co., Ltd. reserves all rights to update the information inthis document at anytime without notice.
No part of this document can be reprinted, copied, saved, and transferred in any ways without the writing permission or authorization of BXBElectronics Co., Ltd.

Headquarter: BXB Electronics Co., Ltd.
Address: Rm. 1, 6F., No.288-5, Xinya Rd., Qianzhen Dist., Kaohsiung City 806, Taiwan (R.O.C.)
Website: www.bxb.tw
Tel: 886-7- 970-3838
Fax: 886-7- 970-3883

Copyright © 2018 BXB ELECTRONICS CO., LTD. All rights reserved.