

# What is the minimum requirement to use BrainCert Virtual Classroom?

<b>Code</b>		<b>Author</b>	BrainCert
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BrainCert recommends the following settings to use our state-of-the-art Virtual Classroom.

## HTML5 Version:

### Component Details

<b>WebRTC</b>	Browser Supports WebRTC (Either 1.0 or 1.1)
<b>Browser</b>	Browser should be latest versions of FireFox, Chrome and Opera browsers. See browser support guide <a href="#">here</a> .
<b>Bandwidth</b>	Low bandwidth may deteriorate audio and video capabilities. Minimum required bandwidth is 100Kbps.
<b>Port Connectivity</b>	Port 80/443 should be open.
<b>Microphone</b>	Need at least 1 microphone to participate in a live class.
<b>Camera</b>	Need at least 1 camera to deliver participate in a live class.

## Adobe Flash Version:

## Component Details

### Flash

#### Plug-In

Flash player version 10.0+ required, version 11+ recommended.

### Browser

Browser should be IE9/FireFox21/Chrome 27 or above.

### Bandwidth

Low bandwidth may deteriorate audio and video capabilities. Minimum required bandwidth is 100Kbps.

### Port

#### Connectivity

Port 80/443 should be open.

### Microphone

Need at least 1 microphone to participate in a live class.

### Camera

Need at least 1 camera to deliver participate in a live class.

Run **System Test** to automatically find these settings in your [Class Management](#) or [Schedule a Class](#) page.