



## Computer

- OS: Windows 7+ or MacOS 10.11+
- Browser: Google Chrome v68+  
Mozilla Firefox v77+
- Memory: 8GB+ (*16GB recommended*)
- CPU: Intel i5+ (*i7 recommended*)
- Webcam
- Headset with microphone  
[Vxi Passport](#), [KOSS CS300](#), [Logi H540](#)
- Permission: allow browser to have access to camera and microphone
- Avoid using ad-blockers



## Mobile

- Android 6, 7, 8, 9
- iPhone 6s, 7, 8, X with iOS 12+
- iPad, iPad Pro with iOS 12+
- KUDO App installed
- Allow access to camera and microphone when prompted



## Internet Bandwidth

- Audio: minimum of 64 kbps  
(*recommended 128 kbps*)
- Video: minimum of 320 kbps  
(*recommended 1.2 mbps*)
- On mobile: 4G and LTE work well for up to 6 concurrent streams
- Low latency bandwidth is required for uninterrupted video



## Security

- Open TCP port **443** for SSL
- Open UDP Port **3478** for A/V stream
- Firewall or Endpoint Security software to allow above ports
- Only transparent proxy is supported. Forwarding proxy with Kerberos and proxy requiring authentication are not supported.



## Network & WiFi

- Wired internet connection  
(*highly recommended*)
- WiFi: 5Ghz 802.11ac/ax  
(*if wired connection is not available*)
- In crowded environments, 5Ghz and 802.11ac/ax routers are required
- With 2.4Ghz, intermittent and choppy video/audio will be experienced

### Router / AP

- Must have isolated 5Ghz capability  
(*isolated / separate bands*)
- Wireless speed: AC1750 to AC3200  
(*highly recommended*)
- I/O Antennas: 3x3 MU-MIMO  
(*recommended for multiple devices*)