

ViewSonic®



ViewBoard® **Network Requirement**

Introduction

This document is to brief the network requirements for ViewBoard®'s preloaded software that helps IT administrators deploy ViewBoard® products into their IT infrastructure.

The wireless Infrastructure needs to support broadcast service and be turned on. To get a stable transmission, it is strongly recommended to have ViewBoard® connected by Ethernet cable and client devices work on a 5GHz Wi-Fi band.

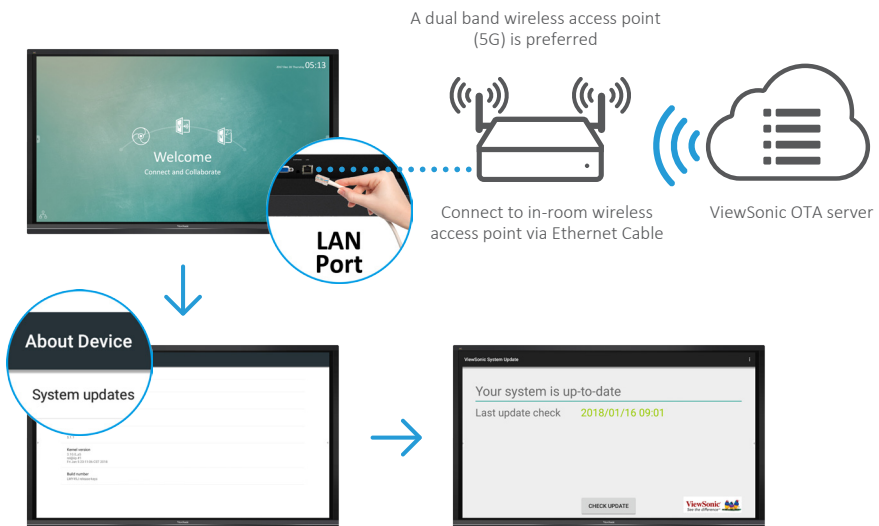
Over-The-Air (OTA) Software Upgrade

ViewBoard® automatically analyzes for software upgrades whenever connected to the internet. With just one click, users can update their versions of ViewBoard® software.

Network information

- Server FQDN Name: vsftpsrv.viewsonic.com
- Server IP: 63.251.212.169
- Server Port: TCP 20, TCP 21, TCP 80

OTA Service



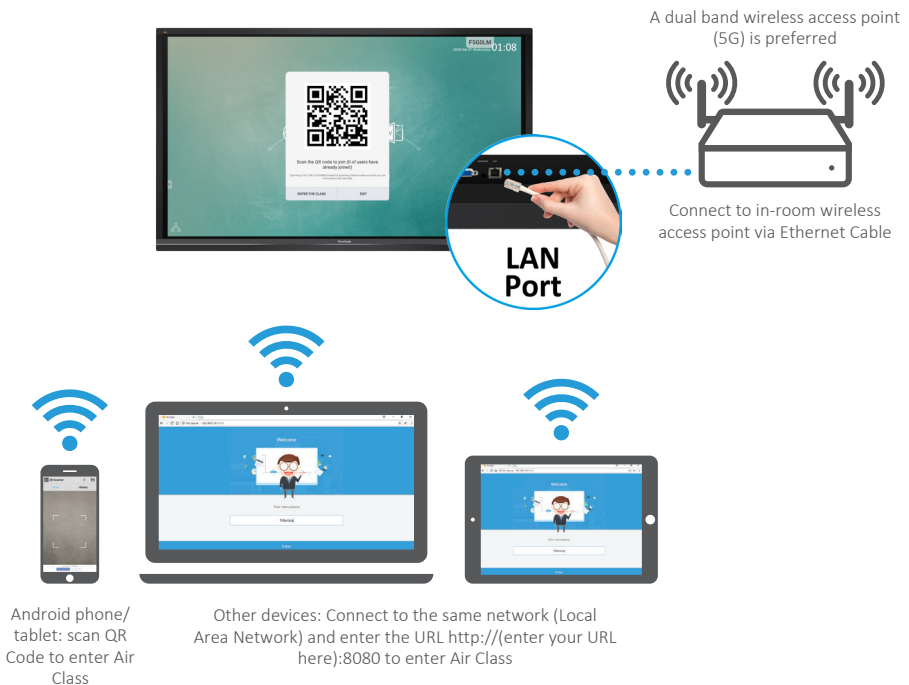
Air Class

Display quiz questions on ViewBoard® and allow up to 30 mobile users to submit answers remotely. Whether deploying single or multiple choice questions, ViewBoard® will record statistic result for each device being used.

Network information

- PC (Window/Mac/Chromebook) and tablet/mobile (iOS/Android) devices, as well as ViewBoard® need to link to the same LAN network subnet.
- Ports : TCP 8080

Air Class



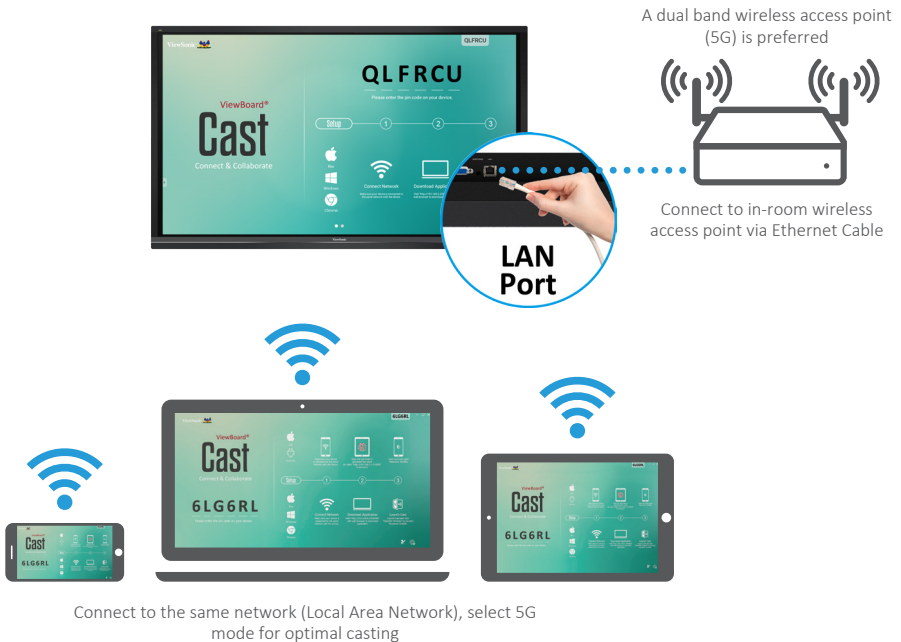
vCastReceiver

Working with ViewBoard® Cast software, the vCastReceiver app, will allow ViewBoard® to receive mobile users' screens, photos, videos, annotations, and camera.

Network information

- ViewBoard® and mobile devices need to link to the same LAN network subnet.
- Ports :
 - TCP 56789, 25123, 8121 & 8000
 - UDP 48689, 25123
- Port for activation:
 - Port: 8001

vCastReceiver

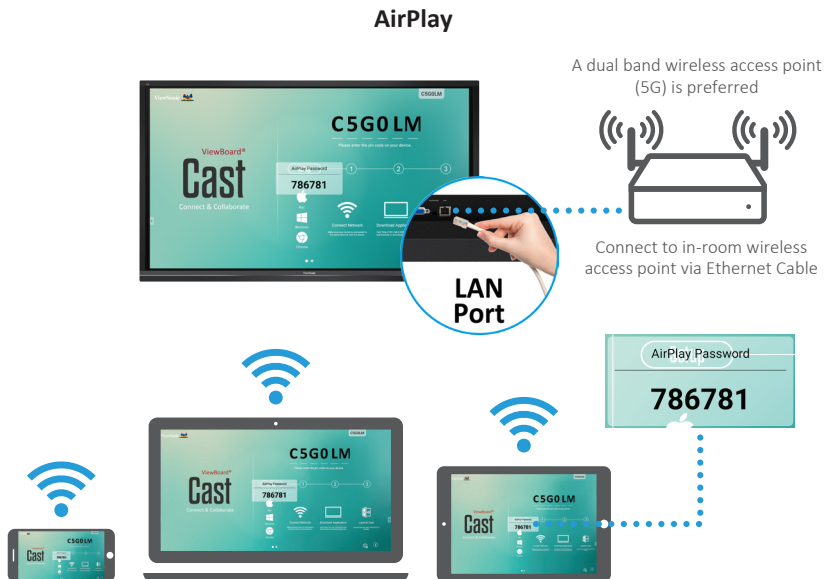


AirPlay

Please ensure that DNS is enabled on the network/access point/wireless controller.

Network information

- Ports:
 - TCP 51040, 51030, 51020 & 51010
 - UDP 5353 (mDNS to broadcast AirPlay)
- How to verify AirPlay service is broadcasting
 - Ensure that your iOS device and ViewBoard® are connected to the same subnet network.
 - Open Control Center and touch AirPlay Mirroring On an iOS device, e.g. iPhone/iPad.
 - You should see a device prefixed with "vCast-" showing.
 - If "vCast-" is showing then this confirms that the vCastReceiver is broadcasting AirPlay services.
 - Click on the broadcasted "vCast-" device to mirror your iOS device to ViewBoard®.
 - Use AirPlay cast to ViewBoard will generate another "AirPlay password" on screen for connecting.



Note:

1. Connect to the same network (Local Area Network), select 5G mode for optimal casting
2. It's based on AirPlay v.5.2.7 and please get latest version from ViewSonic Website.

