Technical Assessment Form

Technology support area : BYOD
Equipment make/model : AirServer (Software)

Description of the device

With the help of a PC, or any other supported hardware, AirServer can transform a simple big screen or a projector into a universal screen mirroring receiver. It does this by implementing all the major screen mirroring technologies such as AirPlay, Google Cast and Miracast into one universal receiver. With AirServer enabled on your big screen, users can use their own devices such as an iPhone, iPad, Android to wirelessly mirror their display over to the big screen, instantly turning the room into a collaborative space.

1. How much time is required for installation (per unit)?

- 20 minutes

2. How much training is required to allow AV technicians to provide front-line support to users, e.g. basic functionality, fault-finding, integration issues?

- Basic training of device setup, around 45 minutes

3. Please provide details, if available, of call-out statistics for the trial period:

- N/A

4. a) Did installation require any modifications to existing technology and/or room configuration?

- N/A

b) If yes please provide details of the major issues:

- N/A

5. Other comments

- Other issues
  - N/A

- Recommendations for future roll-out
  - It's recommended for future roll-out at classrooms for mobile devices with simple steps that users can easily follow to mirror wirelessly their display over to the big screen, instantly turning the room into a collaborative space. It's totally value for money with this BYOD solution which supports most of the operation systems while running on a small local network.

Technical Assessment

Function	Rating (1 – 5)	Additional Comments	Flag
Installation and Configuration	4	Easy to installation	
User-friendliness	4	No need to install any 3rd party apps on the client's device	
Screen mirroring	3	Some unstable incidences on some android device	
Compatibility	4	Fully compatible with windows, IOS, MacOS, Android.	🚩

	Item / Details	Cost (HK dollar)
AirServer License	AirServer Universal - Education License	~ $95 per unit

Conclusion

AirServer is properly the most advanced screen mirroring solution that's tested among different brands of BYOD devices. With a low cost and reasonably good performance, it allows presenters to receive AirPlay, Google Cast and Miracast streams, similar to an Apple TV or a Chromecast hardware device. The AirServer supports the service with an independent computer, networked computers in local or small network environment for the full compatibility to connect with mobile and notebooks. However, for large enterprise's deployment in using notebooks as the projection sources, more attention is required to take note that a large-scale of network infrastructure re-configuration should be planned in advanced so as to make subnets valid for the device discovery among different sectors of campus' network.   During the tests, only some minor incidences might happen occasionally like frame-drop issue, limitation on audio-sharing on some android device, repeated calls for password. A simple restart on AirServer can solve the issue.