



Technical Assessment Form

Technology support area : BYOD
Equipment make/model : Apple TV (gen 3) Model A1469



Description of the device

Apple TV is a digital media player and micro console developed and by Apple Inc. It is a small network appliance and entertainment device that can receive digital data from a number of sources and stream it to a capable television.

1. How much time is required for installation (per unit)?
 - About 30 minutes for a trained technician (after MAC address pre-registration)

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?
 - Training of networking configuration, Airplay setup, etc.

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?
 - Yes

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

 - Ethernet network port to campus network

5. Other comments
 - Other issues
 - Remote control (using Mi-remote) is required to purchase for controlling the Apple TV.

 - Recommendations for future roll-out
 - It's not recommended for future roll-out that only some version of IOS (i.e. iOS8) users can use the airplay with Bluetooth connection to the device and no Android users can connect and use the functions. Due to the device design for home use only without a comprehensive security control on the device, it cannot connect through the HKU enterprise Wi-Fi network in campus. Moreover, if there is no Bluetooth keyboard, it's quite annoying for presenters to operate and control remotely.



Technical Assessment

Function	Rating (1 – 5)	Additional Comments	Flag
Installation and Configuration	4	Simple and easy to configure.	
User-friendliness	3	Fair user interface	
Screen mirroring	3	Supports up to 1080p	
Compatibility	1	Supported operation system is limited, stick only to iOS8 or above users to use airplay with Bluetooth	

	Item / Details	Cost (HK dollar)
Initial Equipment Requirements	Remotes for the existing apple TV gen.3	\$148/ set
	HDMI cables	Approx. \$80-100 / set
	Apple TV gen 3 (not at apple store)	\$900/ set
	Apple TV gen 4 (the latest version)	\$1,188 (32GB); \$1,588 (64GB)

Conclusion

Apple TV gen. 3 is a streaming device favorable with iOS users. It supports 1080p video output, and also Airplay. Its user interface is quite simple, but it's quite complicated to educate users how to activate the Airplay functions without support of the HKU Wi-Fi network, and also it is foreseen there would be lots of questions about connecting to Wi-Fi if going for massive deployment. However, to support a simple/ single device connection via the local Bluetooth protocol, it could be considered as a method to show display on Apple IOS device for quick content-sharing if needed.