



Technical Assessment Form

Technology support area : Video-conferencing

Equipment make/model : Swivl SW2782



Description of the device

Swivl is a video-tracking robot/ camera platform that can automatically track the presenters and capture videos with connection of user's mobile devices to facilitate the teaching and learning within classrooms. It gives presenters control on its own device with flexibility over how to support the flipped-classroom in the lectures.

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

- About 20 minutes for a trained technician

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?

- Software/mobile apps installation
- Wi-Fi network
- Swivl Cloud setup and configuration

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?

- No

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



5. Other comments

- General impressions
 - Price is reasonable.
 - Setup is not complicated.
- Recommendations for future roll-out
 - It's not recommended for future roll-out because the IR sensor is not responsive enough and stable enough during a series of our internal tests. It's observed that the device randomly lost the track/ connection, incorrectly located the presenter during object-tracking process and failed to execute the exact instructions of device setting (i.e. stuck at a viewing angle without motion or slow response time (over 8 -10 seconds) to track back the presenter while in operation/ motion, etc.). For the storage of video clips, the video clips can only be allowed to upload to its Swivl cloud. It limited the flexibility and security of data storage in private cloud option. As well, the video clips taken through the Swivl cannot be ripped on the mobile device.

Technical Assessment

Function	Rating (1 – 5)	Additional Comments	Flag
Installation and Configuration	3	Software APP is needed	
User-friendliness	2	Cannot rip the video clips directly on the mobile device	
Performance	2	IR sensor sometimes not responding & support solely with a proprietary Cloud storage	

	Item / Details	Cost (HK dollar)
Initial Equipment Requirements	Swivl Device SW2782	~ \$ 3,000

Conclusion

The Swivl SW2782 was tested and the current model was not a choice to be considered to support teaching and learning due to the slow reaction time, no direct video-ripping on mobile device and sole cloud storage connection to the manufacturer.