10 WAYS TO DISPLAY YOUR iPAD ON A PROJECTOR SCREEN

Learning in Hand with TONY VINCENT

	VGA or HDMI Adapter	Document Camera	Apple TV	AirServer	Annotate.net	Mirroring360	Reflector	X-Mirage	iTools	OS X 10.10 Yosemite	
	Connect directly from your device to a projector's video cable	Put your device under a camera connected to a projector	Connect an Apple TV to your projector and use device's AirPlay feature to mirror the screen	Install software on your projector-connected computer and use device's AirPlay feature to mirror the screen	Install software on your projector-connected computer and use device's AirPlay feature to mirror the screen	Install software on your projector-connected computer and use device's AirPlay feature to mirror the screen	Install software on your projector-connected computer and use device's AirPlay feature to mirror the screen	Install software on your projector-connected computer and use device's AirPlay feature to mirror the screen	Install software on your projector-connected computer and attach device using its USB cable Choose Live Desktop in iTools	Update to OS X Yosemite on your projector-connected Mac and attach device using its Lightning cable Open QuickTime & choose iPad as the camera source	
Web link	tonyv.me/adapters	tonyv.me/doccams	tonyv.me/atvamz	airserver.com	annotate.net	mirroring360.com	reflectorapp.com	x-mirage.com	itools.cn/en_index.htm	apple.com/osx	Web link
Price	$25–$49 Above link details which adapter you need	$65 and up	$99.99	$14.99 consumer pricing $11.99 education pricing Volume discount available	$9.99 per year	$6.99 single computer Volume discount available	$12.99 single computer $54.99 5 computers Volume discount available	$16.00 single user Volume discount available	Free	Free	Price
Free trial	No	No	No	7 days	10 minutes per day	7 days	7 days	6 minutes at a time for 7 days	Free	Free	Free trial
Wireless/Mobile	No	No	Yes	Yes	Yes	Yes	Yes	Yes	AirPlay is Mac only	No	Wireless/Mobile
Requires a Mac or Windows Computer	No	No unless using USB camera	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes Macintosh only	Requires a Mac or Windows Computer
See your fingers or gestures	No	Yes	No	No	No	No	No	No	No	No	See your fingers or gestures
Built-in screen recording	No	No	No	Yes Audio in support	Yes	No	Yes	Only available on Mac OS X 10.7 or later	Yes	Yes	Built-in screen recording
Selectable frames to match your device	No	No	No	No	No	No	Yes	No	No	No	Selectable frames to match your device
Works with iPad 1 & older iPod touch	No	Yes	No	No	No	No	No	No	USB only	No Requires iOS 8 & Lightning	Works with iPad 1 & older iPod touch
Can be password-protected	Not necessary	Not necessary	Yes	Yes	Yes	Yes	Yes	Yes	No	Not Necessary	Can be password-protected
Works with all apps	No	Yes	No	No	No	No	No	No	No	No	Works with all apps
Multiple devices at once	No	No	No	Yes	No	No	Yes	Yes	No	No	Multiple devices at once
Mirrors non Apple devices	No	Yes	No	No	Yes Android	Yes Chromebook	No	No	No	No	Mirrors non Apple devices
Notes	Often falls off iPad and needs to be reconnected	Glare from device's glass screen can be an issue	May require an HDMI to VGA adapter for your projector: tonyv.me/adapter Network must allow Airplay Newer Apple TV capable of peer-to-peer connections	Mac OS 10.6 or later / Windows Vista or later Network must allow Airplay	Mac OS X 10.6 or later / Windows XP or later Network must allow Airplay Login required	Mac OS X 10.7 or later / Windows Vista or later Network must allow Airplay	Mac OS X 10.8 or later / Windows XP or later Network must allow Airplay	Mac OS X 10.6 or later / Windows XP or later Network must allow Airplay	Mac OS X 10.6 or later / Windows Vista or later Network must allow Airplay for wireless mirroring Buggy • No help support	Mac OS X 10.10 or later Coming Fall 2014	Notes

None of these solutions allow for control of your device from an interactive whiteboard.

Chart Updated September 28, 2014 by Tony Vincent • learninginhand.com/ways