



SW-640L-TX-W

Supported USB Peripherals

Technical Support Documentation

Document Version	1.0.2
Document Date	December 2025
Supported Firmware	Firmware version v1.5.1 or later

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1. Overview

This document lists supported USB peripherals that can work together with SW-640L-TX-W. It contains a non-exhaustive list of USB cameras, USB speakers/microphones, USB Touch Panels, USB Mice/Keyboards, and USB storage that have been tested by the SW-640L-TX-W development team and/or partner teams and customers.

To support the USB peripherals, SW-640L-TX-W provides two transmission methods as follows:

1.1 Wired transmission

Both the USB peripherals and the computer are connected with SW-640L-TX-W directly and SW-640L-TX-W transparently transmits all USB data. In theory, this method has no special compatibility issue, generic USB peripherals are supported, meaning most USB devices will work just fine. If your peripherals are not listed there, there is still a chance that your peripherals may work together with SW-640L-TX-W.

1.2 Wireless transmission

Also known as wireless conference, SW-640L-TX-W transmits the USB data through a wireless link to an APO-DG2 or APO-DG2-PRO dongle connected to the computer. With this method, only cameras, speakers/microphones, and touch panels are supported.

However, please note that compatibility between devices is related to factors such as firmware version, operating system platform and version, USB HUB, etc. We suggest that you use the latest firmware of the SW-640L-TX-W product to test your device. If the USB peripheral is not working, please let us know.

2. Test Setup

A typical test setup is shown in above Figure 1, the main features are as follows:

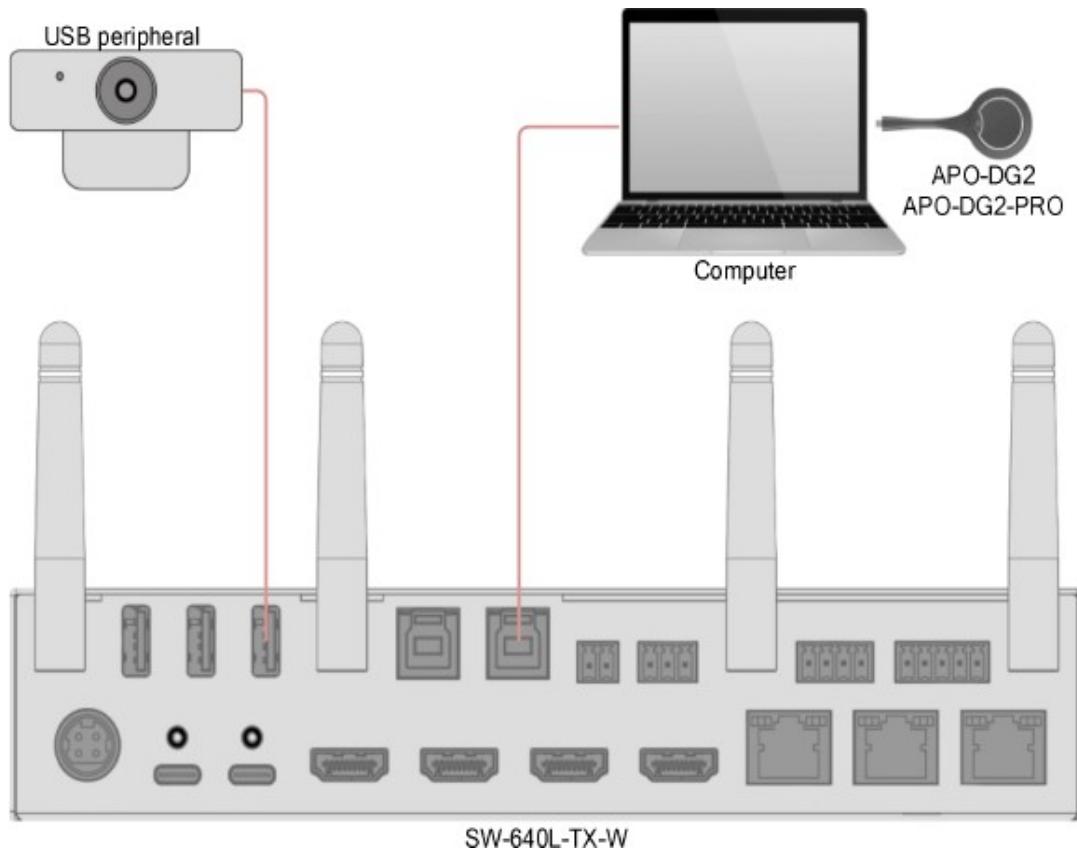


Figure 1 Test Setup

- 1) The USB peripheral is connected to the USB Device interface of the SW-640L-TX-W
- 2) The computer is connected to the USB host or USB-C input interface of the same SW-640L-TX-W
- 3) The APO-DG2 or APO-DG2-PRO dongle is connected to the USB device interface of the computer, this is used to test the wireless transmission only.

Run the tool on a laptop to test whether the USB peripheral device is working properly. This includes but is not limited to recording the read and write speed of the device, observing whether the camera image is normal, there is no screen interruption, sound playback is normal, there is no lag or noise, observing whether the touch panel can be touched, observing whether the mouse movement and keyboard character input are normal, and so on.

3. Supported USB Peripherals

As written in chapter 1, through the APO-DG2 or APO-DG2-PRO dongle, SW-640L-TX-W supports wireless transmission (wireless conference) of the USB cameras, speakers/microphones, and touch panels. For these types of USB peripherals documented here, SW-640L-TX-W supports both wired and wireless transmission. Regarding other types of USB peripherals (mice, keyboards, storage, and others), SW-640L-TX-W supports their wired transmission only.

USB Cameras:

Brand	Model	Description
AONI	AF HD A10	
Atlona	AT-CAP-FC110	
AUSDOM	AW615	
BLUELOVER	T3200	Wired transmission unsupported
DOSTYLE	CA101	
DTEN	DCR200	Videobar
Kramer	K-180Mini	
Kramer	K-Bar	VideoBar
Kramer	K-Cam4K	4K Camera
Kramer	K-CamHD	
Logitech	C1000e	4K Webcam with auto focus
Logitech	C920	HD Webcam
Logitech	C925e	HD Webcam with noise reducing Mic
Logitech	C930e	HD Webcam with noise reducing Mic
MAXHUB	UC W20	
Microsoft	Microsoft LifeCam Studio	
Poly	EagleEye mini	
Poly	Studio P15	Video bar
Poly	Studio X52	Video conference terminal
VHD	JX1700US	4K Webcam
VHD	M20	
Hall	HT-CAM-4K-EPTZ	4K Webcam
WyreStorm	APO-VX20-UC	
WyreStorm	CAM-210-PTZ	
WyreStorm	CAM-420	4K Webcam
WyreStorm	FOCUS 100	
WyreStorm	FOCUS 180A	
WyreStorm	FOCUS 200	
WyreStorm	FOCUS 200 Pro	
WyreStorm	FOCUS 210	
WyreStorm	FOCUS 80F	
WyreStorm	APO-VX20-UC V2	

WyreStorm	HALO VX10	
WyreStorm	HALO-VX10 V2	

USB Speakers/Microphones:

Brand	Model	Description
Audio Technica	AT9933	Wired transmission supported only.
Audio Technica	ATDM-0604a	Audio DSP
Behringer	U-Phoria UM2	
Biamp	TESIRAFORTÉ DAN VT4	Audio DSP
CORSAIR	HS80	Headset/Microphone
DaiPu	DP-Z300W	
Emeet	OfficeCore M0	
HKVision	DS-65VA3008	
HP	DP-Z300W	
Jabra	510+	
JBL	Pebbles Mini BT2	Same as Pebbles Mini WIRELESS in China market
Kramer	K-Speak	
MXL	AC-404	Wired transmission supported only.
NewLine	NP-S2201	
Poly	Sync 40	SpeakerPhone
QSys	NV-32-H	Audio DSP
Shure	P300	Audio DSP
WyreStorm	APO-100-UC	
WyreStorm	APO-210-UC	
WyreStorm	APO-60-UC HAL-COM-MIC	
WyreStorm	COM-MIC-HUB	
WyreStorm	HALO 60	
WyreStorm	HALO 90	Max. volume unsupported
WyreStorm	HALO VX10	
Yamaha	RM-CR	Audio DSP

USB Touch Panels/Overlays:

Brand	Model	Description
Dell	P2817HT	The device itself does not support MacOS
HiteVision	ICB-N550	White board
Lenovo	M1A6	The device itself does not support MacOS
MAXHUB	EC55CAB	White board

USB Mice/Keyboards:

Brand	Model	Description
A4Tech	KR-85	Keyboard
Apple	M7803	Keyboard
Apple	M2452	Keyboard
Cherry	JM-0300	USB2.0 Mouse
Corsair	K55 RGB Pro	Keyboard

Dareu	EK810	Keyboard
DeLUX	KA280	Wireless Combo
DeLUX	M629	Wireless Mouse
Fuhlen	X100	Mouse
Genius	Quake	Keyboard
Genius	Quak3 X3	Mouse
HP	K500	Mouse
HP	KUS1206	Keyboard
Jelly Comb	KUT091	Wireless Combo
KINZU	62016	Mouse
Logitech	G15Y-W93	Keyboard
Logitech	G613	Keyboard
Logitech	G903	Mouse
Logitech	K540	Wireless Keyboard/Mouse Kit
Logitech	M185	Wireless Mouse
Microsoft	KGR1173	Wireless Keyboard/Mouse Kit
Mumre	Manipulator	Mouse
Newmen	GL600	Keyboard
Rapoo	V150S	Mouse
Razer	RC30-0300703	Keyboard
Razer	RZ01-0321	Mouse
Razer	RZ03-0041	Keyboard
Razer	RZ03-0309	Keyboard
Razer	Tartarus V2	Keyboard
Rii	2AJU3RT716	Mini Keyboard
SunSonny	SM-8509 III	Mouse

USB Storage:

Brand	Model	Description
ADATA	UV350	64G Flash Disk
Aigo	U330	65G Flash Disk
Kingston		16G USB 2.0 Flash Disk
Kingston		16G USB 3.0 Flash Disk
Netac		32G Flash Disk
SAMSUNG		32G Flash Disk
SanDisk		Cruzer Glide 64GB
TOSHIBA		16G Flash Disk

Others:

Brand	Model	Description
Microsoft	XBox	Joystick, Windows OS only
Honeywell	OH4503	Wireless Barcode Scanner