

SUPERBOOSTER® USB CAMERA EXTENDERS

COMPATIBILITY TEST

Cameras were tested with C2G54275, C2G54276 and C2G54277

Camera/Host Computer	Camera Model	Camera Max Resoluton & Frame Rate	Dell Latitude 5500	Dell Inspiron 15 5000	Lenovo ThinkPad L15	Lenovo ThinkPad X1 Carbon	HP Spectre x360	Windows Surface Laptop 4	CTL Chromebook	Apple Macbook Pro M1
Logitech Meetup	V-R0007	4K30	1080/30	1080/30	1080/30	1080/30 ⁴	1080/30	1080/30	1080/30 ⁵	1080/30
Logitech Rally Bar	VR-0019	4K30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30 ⁶	1080/30
Logitech Rally Camera	V-R0010	4K30	1080/30	1080/30	1080/30	1080/30 ⁴	1080/30	1080/30	1080/30	1080/30
Logitech BCC950	960-000866	1080/30	1080/30	1080/30	1080/30	1080/30 ⁴	1080/30	1080/30	1080/30	1080/30
Polycom Poly Studio 4K	P009	4K30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30
Polycom Poly Studio X50	2200-85970-001	4K30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30
Owl Labs Meeting Owl 3	MTW300-1000	Panoramic 1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30
AVer TR333V2	PATR333V2	1080/60	1080/60	1080/60	1080/60	1080/60	1080/60	1080/60	1080/30 ⁷	1080/60
AVer Cam550	COMCAM550	4K30	1080/60	1080/60	1080/60	1080/60	1080/60	1080/60	N/A ⁸	1080/60
Logitech Brio 4K	V-U0040	4K30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30
Jabra PanaCast 50	8200-232	Panoramic-4K: 3840x1080 @ 30fps	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30
Yealink UVC86	UVC86	4K30	4K30	4K30 ²	4K30	4K30 ⁴	4K30	4K30	4K30 ⁹	4K30
AVAYA RC100	700515495 Rev:A02	4K30	4K30	4K30	4K30	4K30	4K30	4K30	4K30	4K30
Bose Video Bar VB1	842415-1110	4K30	1080/30	1080/30 ³	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30
Vaddio IntelliSHOT ¹	999-21100-000W	1080/30 max; 720/30 expected with USB 2.0	720/30	720/30	720/30	720/30	720/30	720/30	360/30 ¹⁰	720/30
Vaddio IntelliSHOT-M	999-21182-000	1080/60	1080/60	1080/60	1080/60	1080/60	1080/60	1080/60	1080/60	1080/60
Vaddio RoboSHOT ¹	999-99200-000	1080/60 max; 540/30 expected with USB 2.0	540/30	540/30	540/30	540/30	540/30	540/30	540/30	540/30
Vaddio RoboSHOT 30E-M	999-21132-000W	1080/60	1080/60	1080/60	1080/60	1080/60	1080/60	1080/60	1080/60	1080/60
Huddly IQ	H1-MBLK E44A00355	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30
Huddlecacm	HC10X-GY-G3	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30	1080/30

FOOTNOTES ON TEST RESULTS

- For best performance, use C2G USB 3.2 Extenders like C2G54265, C2G54266, C2G54267, or C2G54268. These particular Vaddio cameras do not perform as well with USB 2.0 because they do not use USB compression. 540p is the expected result, with the exception of the IntelliSHOT which has "light compression." Alternatively, Vaddio IntelliSHOT-M and Vaddio RoboSHOT 30E-M were optimized for USB 2.0 and will work well with the extender.
- After multiple intermittent disconnections, there was a delay of several seconds for the camera to reconnect after rebooting the PC.
- The camera's speaker did not recover from sleep state until input/output were modified (from Bose to Windows default and back to Bose) in the system settings.
- The default Windows camera app displayed a blank, black screen when the camera was toggled on. This was resolved with a hotplug or power cycle. Video and audio should work normally using other video apps.
- Intermittent disconnect during testing.
- In some test cases, camera would not successfully toggle on after a state change. This was resolved by hotplugging the source device.
- After PC went into sleep state, there was a delay of several seconds for the camera to reconnect at times when woken up.
- There was a fundamental incompatibility between these two devices, (excluding the extender) so this test case was eliminated.
- There was a several second delay for the camera to connect to the PC host.
- There were resolution inconsistencies in this test case. 360p is the max resolution achievable through the camera extender.

Key	
Pass	
Failure	
Intermittent Failure	
Intermittent Failure; Less Pronounced	

HOW TESTS WERE CONDUCTED

Source + C2G Superbooster USB Camera Extender (C2G54275, C2G54276, C2G54277) + Camera (cables in between devices were randomized).

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