

MVG460 Camera Compatibility Chart (Cable Control)

Brand	Camera Model	Camera version	Control cable	HUB firmware version	Function	Setting notes on Camera/Lens
Sony	α6400	2.00	USB 2.0 to Micro (A01). Connect the cable to the camera control port on the gimbal and USB port on the camera.	≥ HUB_V100	1. Take photos 2. Start/Stop recording video	1. Select "Network" and then turn off "Ctrl w/Smartphone" in camera settings. 2. Set up the USB Connection to PC remote in camera settings menu. 3. You can now set up Photo storage location in PC remote setting (cameras with old version firmware don't have this feature). 4. After taking a photo, depending on its resolution, you will have to wait a few seconds before saving. You can then take your next photo or recording.
	α6300	2.00		≥ HUB_V100		1. Set up the USB Connection to PC remote in camera settings menu. 2. You can now set up Photo storage location in PC remote setting (cameras with old version firmware don't have this feature). 3. Depending on the resolution of the photo, after taking you'll have to wait a few seconds before saving. You can then take your next photo or recording.
	α6600	1.10		≥ HUB_V100	1. Take photos 2. Start/Stop recording video 3. Camera will automatically focus before taking photo	1. You can control motorized zoom lens to zoom. 2. You can only control digital zoom while using non-motorized lens. 3. Select "Network" and then turn off "Ctrl w/Smartphone" in camera settings. 4. Set up the USB Connection to PC remote in camera settings menu.
	α6500	2.00		≥ HUB_V100	1. Take photos 2. Start/Stop recording video	1. Set up the USB Connection to PC remote in camera settings menu. 2. Set USB Power Supply to OFF in camera settings menu. 3. You will be able to set up Photo storage location in PC remote setting (cameras with old version firmware don't have this feature). 4. Depending on the resolution of the photo, after taking you'll have to wait a few seconds before saving. You can then take your next photo or recording.
	RX100 IV	1.30		≥ HUB_V100		1. Select "Network" and then turn off "Ctrl w/Smartphone" in camera settings. 2. Set up the USB Connection to PC remote in camera setting menu. 3. Be able to set up Photo storage location in PC remote setting (Camera with old version firmware don't have this feature). 4. Depending on the resolution of the photo, after taking you'll have to wait a few seconds before saving. You can then take your next photo or recording.
	α9	2.00		≥ HUB_V100		1. Select "Network" and then turn off "Ctrl w/Smartphone" in camera settings. 2. Set up the USB Connection to PC remote in camera setting menu. 3. Be able to set up Photo storage location in PC remote setting (Camera with old version firmware don't have this feature). 4. Depending on the resolution of the photo, after taking you'll have to wait a few seconds before saving. You can then take your next photo or recording.
	α7R	2.00		≥ HUB_V100		1. Set up USB Power Supply to OFF in camera settings menu. 2. You will be able to set up Photo storage location in PC remote setting (cameras with old version firmware don't have this feature). 3. Depending on the resolution of the photo, after taking you'll have to wait a few seconds before saving. You can then take your next photo or recording.
	α7SII	2.00		≥ HUB_V100		
	α7RII	4.00		≥ HUB_V100		
	α7II	4.00	≥ HUB_V100			
	A7C	1.00	USB 2.0 to Type-C (C01) Connect the cable with the camera control port on the gimbal and USB TYPE C port on the camera.	≥ HUB_V100		1. First, turn on the "PC Remote Function" of camera: MENU →  (Network) → [PC Remote Function] → [PC Remote] →  2. Set the "PC Remote Cnct Method" as USB: MENU →  (Network) → [PC Remote Function] → [PC Remote Cnct Method] → [USB] 3. Set the "Still Img. Save Dest." as "Camera Only" in camera (Network) menu: MENU →  (Network) → [PC Remote Function] → [Still Img. Save Dest] → [Camera Only]
	A7S3	1.01		≥ HUB_V100		
ZV-E10	1.00	USB 2.0 to Type-C (C01)	HUB_V1.07	1. Take photos 2. Start/Stop recording video	1. First, turn on the "PC Remote Function" of camera: MENU →  (Network) → [PC Remote Function] → [PC Remote] →  2. Set the "PC Remote Cnct Method" as USB: MENU →  (Network) → [PC Remote Function] → [PC Remote Cnct Method] → [USB] 3.Set the "Still Img. Save Dest." as "Camera Only" in camera (Network) menu: MENU →  (Network) → [PC Remote Function] → [Still Img. Save Dest] → [Camera Only] 4. After connecting, turn on the gimbal first, and then the camera 5. When shooting time-lapse , the camera "Auto View" is set to "Off" 7. When the camera is in photo mode, the gimbal can switch to control photo taking and video recording. But when the camera is in video mode, the gimbal can only control video.	
Brand	Camera Model	Camera version	Control cable	HUB firmware version	Function	Setting notes on Camera/Lens
Canon	5D MarkIV	1.1.2	USB 3.0 to Micro 3.0 (A02) Connect the cable with the camera control port on the gimbal and USB3.0 port on the camera.	≥ HUB_V100	1. Take photos 2. Start/Stop recording video 3. Follow focus electronically	The lens should work in MF mode when you Follow focus electronically.
	5D MarkIII	1.3.5		≥ HUB_V100		
	80D	1.0.2	USB 2.0 to Mini (B01) Connect the cable with the camera control port on the gimbal and USB port on the camera.	≥ HUB_V100		
	6D	1.1.7		≥ HUB_V100		
	6D MarkII	1.0.3		≥ HUB_V100		
	G7X mark III	1.0.1	USB 2.0 to Type-C(C01) Connect the cable with the camera control port on the gimbal and USB TYPE C port on the camera.	≥ HUB_V100	1. Take photos 2. Start/Stop recording video	Please turn off the WIFI connection for Cable control.
	M6mark2	1.1.0		≥ HUB_V100	1. Take photos 2. Start/Stop recording video 3. Follow focus electronically	The lens should work in MF mode when you Follow focus electronically. 1. With this camera system, you need to switch the shooting mode to photo mode before taking photos. When shooting a video, please switch the shooting mode to movie mode. 2. For EOS R5/R6, shutter release can't be used to control video shooting in photo mode, as the camera will easily crash. 3. To enable camera to take photos/record video during camera output via HDMI, please set camera's HDMI display setting in shooting () tab as  +  .
	EOS R	1.0.0		≥ HUB_V100		
	EOS RP	1.2.0		≥ HUB_V100		
	EOS R5	1.1.1		≥ HUB_V100		
EOS R6	1.1.1	≥ HUB_V100				
Brand	Camera Model	Camera version	Control cable	HUB firmware version	Function	Setting notes on Camera/Lens
Nikon	Z7	1.00	USB 2.0 to Type-C (C01) Connect the cable with the camera control port on the gimbal and USB TYPE C port on the camera.	≥ HUB_V100	1. Take photos 2. Start/Stop recording video 3. Follow focus electronically	1. It takes a few seconds to connect the camera with the gimbal automatically. 2. When controlling with the gimbal, please make sure Camera Live view function (LV) is on. 3. Turn the camera to video mode in order to control the recording. 4. The lens should work in AF mode when you Follow focus electronically.
	Z6	2.00		≥ HUB_V100		
	D7500	1.00	USB 2.0 to Micro (A01) Connect the cable with the camera control port on the gimbal and USB port on the camera.	≥ HUB_V100		1. It takes a few seconds to connect the camera with the gimbal automatically. 2. When controlling with the gimbal, please make sure Camera Live view function (LV) is on. 3. Turn the camera to video mode in order to control the recording. 4. The lens should work in AF mode when you Follow focus electronically. 5. In video mode, the indicator only shows that D7500 is recording. It won't show the time/length.
	D850	1.01	USB 3.0 to Micro 3.0 (A02) Connect the cable with the camera control port on the gimbal and USB 3.0 port on the camera.	≥ HUB_V100		1. It takes a few seconds to connect the camera with the gimbal automatically. 2. When controlling with the gimbal, please make sure Camera Live view function (LV) is on. 3. Turn the camera to video mode in order to control the recording. 4. The lens should work in AF mode when you Follow focus electronically.
Brand	Camera Model	Camera version	Control cable	HUB firmware version	Function	Setting notes on Camera/Lens
Panasonic	S5	1.2	USB 2.0 to Type-C (C01) Connect the cable with the camera control port on the gimbal and Type C USB port on the camera.	≥ HUB_V100	1. Take photos 2. Start/Stop recording video 3. Camera will focus automatically first, before taking photo	1. No need to manually switch camera shooting modes
	S1	2.0		≥ HUB_V100		
	GH5	--	Shutter release cable for Panasonic: 2.5mm port of cable connects with the REMOTE port of the camera. 3.5mm port of cable connects with Camera Control port of gimbal.	≥ HUB_V100	Use the photo button of the gimbal for all operations 1. Take photos 2. Start/Stop recording video	1. The photo button of the gimbal controls picture-taking when the camera in photo mode. It also controls recording when the camera is in video mode. 2. The video button of the camera will not be able to control the recording or switch camera modes with the shutter release cable. Please switch camera mode directly, using the camera function knob. 3. Only connect shutter button cable when the gimbal and camera are both off. To power on: first turn on the gimbal, then the camera. To power off: turn the camera off first, then the gimbal. Then remove the shutter release.
	GH5S	1.2	USB 2.0 to Type-C (C01) Connect the cable with the camera control port on the gimbal and Type C USB port on the camera.	HUB_V104		1. Take photos 2. Start/Stop recording video 3. Follow focus electronically (from MVG460_HUB_V104)

MVG460 Camera Compatibility Chart (WiFi Control)

Brand	Camera Model	Photo	Video	Follow focus	Zoom in&out	ISO	EV	WB	Switch photo/video	Keyboard firmware version on gimbal	Camera firmware	Note for Wifi Connection
Sony	a9	√	√	x	x	√	x	√	x	MVG460_ajb_sony_v1.2.6	---	Enter the interface of smartphone control
	a7 III	√	√	x	√	√	x	√	x	MVG460_ajb_sony_v1.2.6	Ver. 3.0	---
	a7R III	√	√	x	x	√	√	√	x	MVG460_ajb_sony_v1.2.6	---	---
	a7S II	√	√	x	√	x	√	x	x	MVG460_ajb_sony_v1.2.6	---	---
	a7R II	√	√	x	x	x	√	x	x	MVG460_ajb_sony_v1.2.6	---	---
	a7 II	√	√	x	x	x	√	x	x	MVG460_ajb_sony_v1.2.6	---	---
	a7	√	x	x	x	x	√	x	x	MVG460_ajb_sony_v1.2.6	---	---
	a7S	√	√	x	x	x	√	x	x	MVG460_ajb_sony_v1.2.6	Ver. 1.02	---
	a7R	√	√	x	√	x	√	x	x	MVG460_ajb_sony_v1.2.6	---	---
	RX100M4	√	√	x	√	√	√	√	x	MVG460_ajb_sony_v1.2.6	Ver. 1.0.0	---
	RX100M5	√	√	x	√	x	√	x	x	MVG460_ajb_sony_v1.2.6	Ver. 1.0.2	---
	RX100 M5A	√	√	x	√	√	√	√	x	MVG460_ajb_sony_v1.2.6	Ver. 1.00	Enter the interface of smartphone control
	RX100M6	√	√	x	√	√	√	√	x	MVG460_ajb_sony_v1.2.6	---	---
	a5100	√	√	x	√	x	√	x	√	MVG460_ajb_sony_v1.2.6	Ver. 3.10	---
	a6000	√	x	x	√	x	√	x	x	MVG460_ajb_sony_v1.2.6	Ver. 3.21	---
	a6300	√	√	x	√	√	√	√	x	MVG460_ajb_sony_v1.2.6	Ver. 2.0.0	---
		√	√	x	√	√	√	√	x	MVG460_ajb_sony_v1.2.6	Ver. 2.0.1	---
	a6400	√	√	x	√	√	√	√	x	MVG460_ajb_sony_v1.2.6	Ver. 1.00	Enter the interface of smartphone control
	a6500	√	√	x	√	x	√	x	x	MVG460_ajb_sony_v1.2.6	---	---
	RX0	√	√	√	x	√	√	√	√	MVG460_ajb_sony_v1.2.6	Ver. 1.1.1	Enter the interface of smartphone control
	FDR-X3000R	√	√	x	x	x	√	√	√	MVG460_ajb_sony_v1.2.6	---	---
	HDR-AS50R	√	√	x	x	x	√	√	√	MVG460_ajb_sony_v1.2.6	---	---
Canon	EOS 80D	√	√	√	x	√	√	√	√	MVG460_ajb_canon_v1.2.6	Ver. 1.0.2	---
	EOS 6D	√	x	√	x	√	√	√	x	MVG460_ajb_canon_v1.2.6	Ver. 1.1.7	---
	EOS 6D Mark II	√	√	√	x	√	√	√	√	MVG460_ajb_canon_v1.2.6	---	---
	EOS 5D Mark IV	√	√	√	x	√	√	√	√	MVG460_ajb_canon_v1.2.6	Ver. 1.1.2	---
	EOS 70D	√	x	x	x	√	√	x	x	MVG460_ajb_canon_v1.2.6	Ver. 1.1.1	---
	EOS 77D	√	√	√	x	√	√	x	√	MVG460_ajb_canon_v1.2.6	Ver. 1.0.2	---
	EOS R	√	√	x	x	√	√	x	√	MVG460_ajb_canon_v1.2.6	Ver. 1.0.0	---
	EOS 200D	√	√	√	x	√	√	√	√	MVG460_ajb_canon_v1.2.6	---	---
Panasonic	M50	√	√	x	x	x	x	x	√	MVG460_ajb_canon_v1.2.6	---	---
	DMC-LX100	√	√	√	√	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	---	---
	DMC-LX10	√	√	√	√	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	---	---
	DC-ZS70GK	√	√	√	√	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	---	---
	DC-ZS220GK	√	√	√	√	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	---	---
	DMC-GH4	√	√	√	x	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	---	---
	DC-GF9XGK	√	√	√	√	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	---	---
	DC-GF9KGK	√	√	√	x	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	Ver. 1.1.1	---
	DC-GH5SGK-K	√	√	√	x	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	Ver. 1.0.2	---
		√	√	√	x	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	Ver. 1.0.0	---
	DC-GX9KGK-K	√	√	√	x	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	---	---
	DC-GF10KGK	√	√	√	x	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	Ver. 1.0	---
	DMC-ZS110	M	√	√	√	√	x	√	√	MVG460_ajb_panasonic_v1.2.6	Ver. 1.2	---
		S,A,P	√	√	√	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	Ver. 1.2	---
	DMC-GX85	M	√	√	x	√	x	√	√	MVG460_ajb_panasonic_v1.2.6	Ver. 1.2	---
		S,A,P	√	√	x	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	Ver. 1.2	---
	GH5	M,S,A,P	√	√	√	√	√	√	√	MVG460_ajb_panasonic_v1.2.6	Ver. 2.3	---

Note: "√" Means support this function,"x"Means do not support

MVG460 Lens Compatibility Chart

Brand	Camera List (width/height/depth/weight)	Camera Size & Weight	Camera & Lens	Camera & Lens & Follow Focus (MVGFF)	Remark
Sony	α6300 120×66.9×48.8mm 361g α7SII 126.9×95.7×60.3mm 584g α7RII 126.9×95.7×60.3mm 582g α7II 126.9×95.7×59.7mm 599g α9 126.9×95.6×63mm 588g α7R 127×94×48mm 465g α6400 120×67×60mm 359g α6500 120×66.9×53.3mm 410g 6600 120.0×66.9×69.3mm 503g	FE 24-70 F2.8 G Φ87.6x136mm 886g	Support	Support	
		FE 16-35 F2.8 G Φ118.5 x 147 mm 1390g	Support	Support	
		FE 70-200 F2.8 G Φ80 x 175mm 840g	Support	Support	While using this lens with α6300, α7R, α6400, gimbal can only be balanced with 70-140mm focal length.
		FE 12-24 F2.8 G Φ87x117.4 565g	Support	Support	
		FE 35 F1.4 G Φ69x76mm 510g	Support	Support	
		FE 16-55 F2.8 G Φ73x100mm 495g	Support	Support	
		FE 20 F1.8 G Φ73.5×84.7mm 373g	Support	Support	
		FE 24-105 F4 Φ83.4x113.3mm 663g	Support	Support	
		FE 55 F1.8 Φ64x71mm 281g	Support	Support	
		FE 35 F2.8 Φ65.6x73mm 280g	Support	Support	
		FE 24-70 F4 Φ73x94.5mm 426g	Support	Support	
		SIGMA 30 F1.4 Φ64.8x73.3mm 265g	Support	Support	
		SIGMA 24-70 F2.8 Φ87.8x122.9mm 835g	Support	Support	
		SIGMA 35 F1.4 Φ77x94mm 665g	Support	Support	
		28-75 F2.8 Φ73x117.8mm 550g	Support	Support	
	RX100 IV 101.6×58.1×41.0 mm 298g	Pocket Camera	Support	--	
	Sony ZV-E10 115*64*45mm 343g	E 3.5-5.6/PZ 16-50 OS Φ64.7x29.9mm 116g	Support	Support	
Brand	Camera List (width/height/depth/weight)	Camera Size & Weight	Camera & Lens	Camera & Lens & Follow Focus (MVGFF)	Remark
Panasonic	GH5S 138.5×98.1×87.4mm 660g	M4/3 25mm F1.4 Φ63x54.5mm 200g	Support	Support	
		M4/3 12-60 ΦF2.8 68.4x86mm 320g	Support	Support	
	S5 132.6×97.1×81.9mm 714g S1 148.9×110×96.7mm 899g	L-2470GK F2.8 Φ90.9x140mm 935g	Support	Support	
		L-1635GK F4 Φ85x99.6mm 500g	Support	Support	
		L-20-60 F3.5 Φ77.4x88.2mm 350g	Support	Support	
Brand	Camera List (width/height/depth/weight)	Camera Size & Weight	Camera & Lens	Camera & Lens & Follow Focus (MVGFF)	Remark
Nikon	Z7 134×100.5×67.5mm 675g Z6 134×100.5×67.5mm 675g	Z 24-70 F2.8S Φ89x126mm 805g	Support	Support	
		Z 70-200 F2.8S Φ89x220mm 1360g	Support	Support	
		Z 12-24 F2.8S Φ88.5x124.5mm 650g	Support	Support	
		Z 50 F1.2S Φ89.5x150mm 1090g	Support	Support	
		F 24-70 F2.8E ED VR Φ88x154.5mm 1070g	Support	Support	Needs lens support.
		F 70-200 F2.8E FL ED Φ88.5x202.5mm 1430g	Support	Support	
		F 18-140 F3.5 Φ78x97mm 490g	Support	Support	
	Z6II 134*100.5*69.5mm 705g	NIKKOR Z 24-70mm f/4 S	Support	Support	No need to take off eyepiece mask.
	D7500 135.5×104×72.5mm 720g D850 146×124×78.5mm 1005g	F 24-70 F2.8E ED VR Φ88x154.5mm 1070g	Support	Support	
		F 70-200 F2.8E FL ED Φ88.5x202.5mm 1430g	Support	Support	
		F 18-140 F3.5 Φ78x97mm 490g	Support	Support	
Brand	Camera List (width/height/depth/weight)	Camera Size & Weight	Camera & Lens	Camera & Lens & Follow Focus (MVGFF)	Remark
Canon	5D MarkIV 150.7×116.4×75.9mm 890g 80D 139×105.2×78.5mm 730g 6D 144.5×110.5×71.2mm 750g 5D MarkIII 152×116.4×76.4mm 950g 6D MarkII 144×110.5×74.8mm 765g	EF16-35 F2.8 III USM Φ88.5x127.5mm 790g	Support	Support	
		EF24-70 F2.8L II USM Φ88.5x113mm 805g	Support	Support	
		EF70-200 F2.8L III USM Φ88.8x199mm 1490g	Support	Support	
		EF50 F1.8L Φ69.2x39.3mm 160g	Support	Support	
		EF85 F1.4L IS USM Φ88.6x105.4mm 950g	Support	Support	
		EF35 F1.4L IS USM Φ88.6x105.4mm 950g	Support	Support	
		EF24-105 F2.8L II USM Φ88.5x113mm 805g	Support	Support	
		EF-M 15-45 F3.5 Φ60.9x44.5mm 130g	Support	Not support	
	G7X mark III 105×60.9×41.4mm 304g M6mark2 119.6×70×49.2mm 408g	EF-M 11-22 F4 Φ60.9x58.2mm 220g	Support	Not support	
		EF-M 18-150 F3.5 Φ60.9x86.5mm 300g	Support	Not support	
		EF-M 32 F1.4 Φ60.9x56.5mm 235g	Support	Not support	
	EOS R 135.8×98.3×84.4mm 660g EOS RP 132.5×85×70mm 485g EOS R5 138.5×97.5×88mm 738g EOS R6 138.4×97.5×88.4mm 680g	EF16-35 F2.8 III USM Φ88.5x127.5mm 790g	Support	Support	Needs lens support.
		EF24-70 F2.8L II USM Φ88.5x113mm 805g	Support	Support	
		EF70-200 F2.8L III USM Φ88.8x199mm 1490g	Support	Support	
		EF50 F1.8L Φ69.2x39.3mm 160g	Support	Support	
		EF85 F1.4L IS USM Φ88.6x105.4mm 950g	Support	Support	
		EF35 F1.4L IS USM Φ88.6x105.4mm 950g	Support	Support	
		EF24-105 F2.8L II USM Φ88.5x113mm 805g	Support	Support	
		RF15-35 F2.8L IS USM Φ88.5x126.8mm 840g	Support	Support	
		RF24-70 F2.8L IS USM Φ88.5x125.7mm 900g	Support	Support	
		RF70-200 F2.8L IS USM Φ89.9x146mm 1070g	Support	Support	
		RF 28-70 F2.8L USM Φ83.2x117.6mm 880g	Support	Support	
	EOS 5DS R 152*116.4* 76.4mm 930g	EF 24-105mm f/4L IS USM Φ83.5×107mm 670g	Support	Support	Lens support is required without removing the eyepiece.
	EOS 5D Mark IV 150.7*116.4*75.9mm 890g	EF 24-70mm f/2.8L USM Φ83.2*123.5mm 950g	Support	Support	Needs lens support.