

Ronin-SC Camera Compatibility List



2020.01.09 (for gimbal firmware v 1.4.0.30)

Brand	Model	Cable	Control Features	Camera Setup Method	Power up the Camera (camera powered on)	Camera Firmware Version			
Sony	A9	① Ronin-SC Multi-Camera Control Cable (Multi) (in the box) ② Ronin-SC Multi-Camera Control Cable (Type-C) (in the box) ③ Ronin-SC Multi-Camera Control Adapter (Type-C to Micro USB) (in the box)	When using ① cable: Capture photo Start/stop recording video Zoom control (digital or optical) Trigger auto focus When using ② + ③ cables: Start/stop recording video Pull focus electronically Trigger auto focus	When using ① cable: 1. After connecting the cable, be sure to power on the Ronin-SC before the camera. Otherwise, the Ronin-SC will not recognize the camera. If the camera is not recognized, restart the camera or remove and reconnect the cable to the camera. 2. Optical zoom can be controlled through the Ronin-SC Focus Wheel (only lenses with built-in power zoom, such as the Sony E PZ 18-105 mm F4 G OSS). If a non-Power Zoom lens is mounted, the Focus Wheel will control digital zoom. Digital zoom must be enabled in your camera's settings. 3. After connecting with a Sony camera using the ① cable, if you need to swap to a camera of other manufacturers then a gimbal reboot is required. When using ② + ③ cables: 1. Set the camera to MF mode. 2. Select "Network" and then turn off "Ctrl w/Smartphone". 3. Set the USB Connection to PC remote. 4. The Optical Image Stabilization of the camera will be disabled when using MCC-C cable, but OIS of the lens will not be affected. 5. When using the focus control electronically, if the lens has AF/MF modes, set it to AF mode, otherwise the electronic focus control function cannot be used. Note: When using the ② + ③ cable, the camera may not be able to use playback. In this case, put the gimbal in sleep mode.	When using ① cable: NO When using ② + ③ cable: YES	v3.10			
	A6400					v2.00			
	A7R III	① Ronin-SC Multi-Camera Control Cable (Multi) (in the box) ② Ronin-SC Multi-Camera Control Cable (Type-C) (in the box)	When using ① cable: Capture photo Start/stop recording video Zoom control (digital or optical) Trigger auto focus When using ② cables: Start/stop recording video Pull focus electronically Trigger auto focus	When using ① cable: 1. After connecting the cable, be sure to power on the Ronin-SC before the camera. Otherwise, the Ronin-SC will not recognize the camera. If the camera is not recognized, restart the camera or remove and reconnect the cable to the camera. 2. Optical zoom can be controlled through the Ronin-S Focus Wheel (only lenses with built-in power zoom, such as the Sony E PZ 18-105 mm F4 G OSS). If a non-Power Zoom lens is mounted, the Focus Wheel will control digital zoom. Digital zoom must be enabled in your camera's settings. 3. After connecting with a Sony camera using the ① cable, if you need to swap to a camera of other manufacturers then a gimbal reboot is required. When using ② cables: 1. Set the camera to MF mode. 2. Select "Network" and then turn off "Ctrl w/Smartphone". 3. Enable PC remote in the camera settings. 4. Optical Image Stabilization of the camera will be disabled when using MCC-C cable, but OIS of the lens will not be affected. 5. When using the focus control electronically, if the lens has AF/MF modes, set it to AF mode, otherwise the electronic focus control function cannot be used. Note: When using the ② cable, the camera may not be able to use playback. In this case, put the gimbal in sleep mode.	When using ① cable: NO When using ② cable: YES	v1.10			
	A7R IV					v1.00			
	A7 III					v1.01			
	A7R II	① Ronin-SC Multi-Camera Control Cable (Multi) (in the box)	Capture photo Start/stop recording video Zoom control (digital or optical) Trigger auto focus	1. After connecting the cable, be sure to power on the Ronin-SC before the camera. Otherwise, the Ronin-SC does not recognize the camera. If the camera is not recognized, restart the camera or remove and reconnect the cable to the camera. 2. Optical zoom can be controlled through the Ronin-SC Focus Wheel (only lenses with built-in power zoom, such as the Sony E PZ 18-105 mm F4 G OSS). If a non-Power Zoom lens is mounted, the Focus Wheel will control digital zoom. Digital zoom must be enabled in your camera's settings. 3. After connecting with a Sony camera using the ① cable, if you need to swap to a camera of another brand then a gimbal reboot is required.	NO	v4.00			
	A7S II					v3.00			
	A7 II					v4.00			
	A7S					v3.20			
	A7					v3.20			
	A6600					/			
	A6500					v1.05			
	A6300					v1.10			
	A6100					/			
	A6000					v3.20			
Rx100 VII	/								
Rx100 VI	/								
Rx100 V	/								
Rx10 IV	/								
Rx10 III	/								
Nikon	Z6	① Ronin-SC Multi-Camera Control Cable (Type-C) (in the box)	Start/stop recording video Capture photo Pull focus electronically Trigger auto focus	1. To pull focus with Ronin-SC, set the lens focus mode to A, and make sure the camera focus mode is set to AF-S/AF-C. 2. Ensure live view on camera stays on when used with Ronin-SC. 3. Peaking highlights can only be displayed in MF mode. To use focus pull on Ronin-SC, the camera must be set to AF mode. In that case, peaking highlights cannot be displayed.	Camera powered on state: it will not power the camera Camera powered off state: using EN-EL15b battery, it will power the camera	v1.00			
	Z7					v1.01			
	Z50	① Ronin-SC Multi-Camera Control Cable (Type-C) (in the box) + ① Ronin-SC Multi-Camera Control Adapter (Type-C to Micro USB) (in the box)				v1.00			
Canon	EOS R	① Ronin-SC Multi-Camera Control Cable (Type-C) (in the box)	Start/stop recording video Capture photo Pull focus electronically Trigger auto focus	1. Due to various lens focus control mechanisms, when using the Ronin-SC to pull focus, you may need to set camera focus mode to AF. 2. When switched to Photo mode, the camera won't respond to video-capturing commands; when switched to video mode, the camera won't respond to photo-capturing commands. 3. Using adapter with EF lenses will increase the latency of focus.	NO	v1.0.0			
	EOS RP					v1.1.0			
	EOS M6 Mark II	/							
	EOS M50	① Ronin-SC Multi-Camera Control Cable (Type-C) (in the box) + ① Ronin-SC Multi-Camera Control Adapter (Type-C to Micro USB) (in the box)				1. When using the Camera Control button's auto focus, make sure the camera focus mode is set to AF	v1.0.2		
Panasonic	GH5	① Ronin-SC Multi-Camera Control Cable (Type-C) (in the box)	Start/stop recording video Capture photo Pull focus electronically Trigger auto focus	1. Choose PC (Tether) mode upon connection. 2. To pull focus with Ronin-S, the focus mode toggle on the camera should be set to MF. 3. To trigger camera's auto focus, half press the Camera Control button on the gimbal and ensure the camera's focus mode is set to AFS/AFF/AFC.	YES	v2.2			
	GH5S					v1.1			
	G9	① Ronin-SC Multi-Camera Control Cable (Type-C) (in the box) + ② Ronin-SC Multi-Camera Control Adapter (Type-C to Micro USB) (in the box)				v1.2			
	GH3	① Ronin-SC RSS Control Cable for Panasonic (RSS-P) (optional)				Start/stop recording video Capture photo Trigger auto focus	Due to the limited space of the Ronin-SC equipped with a camera and lens, there are restrictions on the size and weight of the mounted lens. Please choose according to the actual situation.	NO	v1.1
	G95								v1.1
	GH4								v2.6
FUJIFILM	X-H1	① Ronin-SC Multi-Camera Control Cable (Type-C) (in the box) + ② Ronin-SC Multi-Camera Control Adapter (Type-C to Micro USB) (in the box) ③ Ronin-SC RSS Control Cable for FUJIFILM (optional)	When using ① cable: Capture photo Trigger auto focus Pull focus electronically Start/stop recording video When using ② cable: Start/stop recording video Capture photo Trigger auto focus	When using ① + ② cable: Capture photo Trigger auto focus When using ③ cable: Start/stop recording video Capture photo Trigger auto focus	When using ① + ② cable: YES When using ③ cable: NO	v2.01			
	X-T2					v4.30			
	X-T3	① Ronin-SC Multi-Camera Control Cable (Type-C) (in the box) ② Ronin-SC RSS Control Cable for FUJIFILM (optional)				When using ① cable: 1. Set PC connection mode to "USB Auto Mode." 2. The camera buttons' functions are not supported during the connection. To use the camera buttons' functions, make sure the gimbal is in sleep mode. 3. Note that the camera is unable to auto focus in video recording mode.	When using ① cable: YES When using ② cable: NO	v3.10	
	X-T20	① Ronin-SC RSS Control Cable for FUJIFILM (optional)				Start/stop recording video Capture photo Trigger auto focus	Requires camera settings: MOVIE SETTING->MIC/REMOTE RELEASE->REMOTE.	No	v2.01
	X-T30								v1.00
	X-E3								v1.22

Notes:

- The current camera firmware version that was used during these compatibility tests.
- The form will be continuously updated as more compatibility is added and is subject to change without notice.
- The information in the lens compatibility table will be continuously updated after testing is completed. Other lenses not listed in the table may be compatible if mechanical balance can be achieved on the Ronin-SC.
- In order to reduce the overall weight, the Ronin-SC's balance dimensions are limited, so some cameras can not enter flashlight mode after balancing. If listed to support flashlight mode, the test is carried out in a state where only the camera is installed (the viewfinder's eyecup may need to be removed). This list is for reference only, please refer to the actual use.
- Some cameras may not be able to shoot when proper focus has not been achieved due too focus speed or in a complex environments such as low light situations. If there's an issue with the shutter or rec button not responding properly in these situations, manual focus mode is recommended.
- When using intelligent functions such as timelapse, it is recommended to turn off the camera's auto review (Sony) or image confirmation (Canon) to reduce system latency.
- Due to manufacturing changes from various camera manufactures, the weight range calculated in the table is for reference only. Total weight calculation (camera + lens + phone holder + iPhone XS + focus motor).
- An iPhone6 was used as the model for illustration of the phone holder installation. Due to the variety of mobile phones, the installation position may be different. The installation support status in this table is for reference only. Please refer to the actual installation.
- Some cameras will draw power from the gimbal due to the limitations of the USB protocol which will have different effects on the battery life of Ronin-SC.
- The gimbal's range of motion might be restricted if the listed lens doesn't support flashlight mode after balancing.
- The Ronin-S/SC Focus Wheel is required to use focus pull. If the Ronin-S/SC Focus Wheel is not included in your purchase, purchase it separately.

