CRANE-M3 Camera Compatibility List

Update Date: March 23th, 2022 (Firmware Version: V1.76)

V1.50

Camera Brand	Camera Model	Video Filming		Camera Charging	Camera Charging (camera powered on)	Camera Control Cable Type	Camera Firmware Version	Note
		Save	Playback					
Sony	α7M2	-	-	√	-	Type-C to Multi USB	V4.00	1. Please select "PC Remote" for your camera's "USB Connection". 2. For Sony cameras, after connecting gimbal and camera with control cable, power on the gimbal and then the camera. Make sure the camera is fully charged. 3. If you want to charge α7S3/ α7M4, please use a Type-C to Type-C USB camera control cable. Type-C to Type-C USB camera control cables are only for charging, not for controlling.
	α7R2	√	√	√	√	Type-C to Multi USB	V4.01	
	α7S2	√	√	√	√	Type-C to Multi USB	V3.01	
	α7S3	√	√	-	-	Type-C to Multi USB	V1.01	
	α7M3	√	√	√	√	Type-C to Multi USB	V3.10	
	α7R3	√	√	√	√	Type-C to Multi USB	V3.01	
	α7M4	√	√	-	-	Type-C to Multi USB	V1.0	
	α7R4	√	√	√	√	Type-C to Multi USB	V1.20	
	FX3	√	√	-	-	Type-C to Multi USB	V1.01	
	α7C	-	-	√	√	Type-C to Type-C USB	V1.00	1. Please select "PC Remote" for your camera's "USB Connection". 2. For Sony cameras, after connecting gimbal and camera with control cable, power on the gimbal and then the camera. Make sure the camera is fully charged.
	α6600	√	√	√	√	Type-C to Multi USB	V1.10	
	α6500	√	√	√	√	Type-C to Multi USB	V1.06	
	α6400	√	√	√	√	Type-C to Multi USB	V2.00	
	α6300	√	√	√	√	Type-C to Multi USB	V2.01	
	α6100	√	√	√	√	Type-C to Multi USB	V1.00	
	ZV-E10	-	-	√	√	Type-C to Type-C USB	V1.00	
	DSC-RX100M5	√	√	√	√	Type-C to Multi USB	V1.01	1. Please select "PC Remote" for your camera's "USB Connection". 2. For Sony cameras, after connecting gimbal and camera with control cable, power on the gimbal and then the camera. Make sure the camera is fully charged.
	DSC-RX100M6	√	√	√	√	Type-C to Multi USB	V1.01	
	DSC-RX100M7	√	√	√	√	Type-C to Multi USB	V1.00	
	DSC-WX350	-	-	√	√	Type-C to Multi USB	V1.00	
	DSC-HX90	√	√	√	√	Type-C to Multi USB	V1.00	1. Please select "PC Remote" for your camera's "USB Connection". 2. For Sony cameras, after connecting gimbal and camera with control cable, power on the gimbal and then the camera. Make sure the camera is fully charged.
	ZV-1	√	√	√	√	Type-C to Multi USB	V2.01	

Camera Brand	Camera Model	Video Filming		Camera Charging	Camera Charging (camera powered on)	Camera Control Cable Type	Camera Firmware Version	Note
		Save	Playback					
FUJIFILM	X-T20	-	-	√	-	Type-C to Micro USB	V2.10	1.When used with the FUJIFILM camera and connected to the computer, gimbal or other devices, set the USB power supply setting to "ON" if you want to charge the camera.
	X-A7	-	-	√	-	Type-C to Type-C USB	V1.32	
	X-T2	-	-	√	-	Type-C to Micro USB	V4.10	
	X-T3	-	-	√	-	Type-C to Type-C USB	V4.11	
	X-T4	-	-	√	-	Type-C to Type-C USB	V1.01	
	X-S10	-	-	√	-	Type-C to Type-C USB	V1.01	
	X-T30	-	-	√	-	Type-C to Type-C USB	V1.30	
Panasonic	DC-G100	-	-	√	-	Type-C to Type-C USB	V2.00	
	LX100M2	-	-	√	-	Type-C to Type-C USB	V2.00	
	DMC-LX10	-	-	√	-	Type-C to Type-C USB	V2.00	
	DMC-ZS110	-	-	√	-	Type-C to Type-C USB	V2.00	
SIGMA	fp	-	-	√	-	Type-C to Type-C USB	V2.00	
Nikon	Z6	-	-	√	-	Type-C to Type-C USB	V3.00	
	Z6 II	-	-	√	-	Type-C to Type-C USB	V1.00	

Notes:

1. This table will be updated in line with firmware update and is subject to change without prior notice.

2. For Sony cameras, after connecting gimbal and camera with control cable, power on the gimbal and then the camera. Make sure the camera is fully charged.

3. "√" means the camera can achieve the function after connecting to the gimbal; "×" means the camera currently cannot achieve the function after connecting to the gimbal, but there're possibilities that the function may be available after the firmware upgrade or other ways. "-" means the function is not available after connecting to the gimbal due to the unopened camera protocol.

4. Maximum power for charging is 5V@1A. The charging current varies due to different charging power for different cameras.

CRANE-M3 Camera Compatibility List
(TransMount CRANE-M3 Bluetooth Control Unit)

Update Date: February 10th, 2022 (Gimbal firmware version: V1.76)

Camera Model	Photo		Video		Live Preview	Shutter Speed Adjustment		Aperture Adjustment		ISO Adjustment		EV Adjustment		Zoom (Digital/ Optical)	Halfway Press Shutter Button to Autofocus	Electronic Follow Focus (Focus Wheel)	HDMI Cable Type	Wireless Control Type	Camera Firmware Version	Notes	Remark
	Save	Playback	Save	Playback		Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode								
Sony α7S3	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C	V1.01	1. Please select "PC Remote" for your camera's "USB Connection". To open a7s3 PC remote control, go to "Menu" and do the following selection : "Network" - "Transfer / Remote" - "PC remote control" - "Open") 2. For Sony cameras, after connecting gimbal and camera with control cable, power on the gimbal and then the camera. Make sure the camera is fully charged. 3. When shooting Panorama or Timelapse, it is recommended to turn off the Sony camera's auto review. 4. To trigger electronic focus, please set "Manual Focus (MF)" under "focus mode". 5. When using the Bluetooth control unit, make sure "USB Power Supply" is off.	/

Camera Model	Photo		Video		Live Preview	Shutter Speed Adjustment		Aperture Adjustment		ISO Adjustment		EV Adjustment		Zoom (Digital/Optical)	Halfway Press Shutter Button to Autofocus	Electronic Follow Focus (Focus Wheel)	HDMI Cable Type	Wireless Control Type	Camera Firmware Version	Notes	Remark
	Save	Playback	Save	Playback		Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode								
Sony α7M3	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	Multi USB	V3.10	1. Please select "PC Remote" for your camera's "USB Connection". 2. For Sony cameras, after connecting gimbal and camera with control cable, power on the gimbal and then the camera. Make sure the camera is fully charged. 3. When shooting Panorama or Timelapse, it is recommended to turn off the Sony camera's auto review. 4. When using the Bluetooth control unit, make sure "USB Power Supply" is off.	/
Sony α7R3	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	Multi USB	V3.01		
Sony α7R4	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C	V1.20		
Sony FX3	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C	V1.00		

Camera Model	Photo		Video		Live Preview	Shutter Speed Adjustment		Aperture Adjustment		ISO Adjustment		EV Adjustment		Zoom (Digital/ Optical)	Halfway Press Shutter Button to Autofocus	Electronic Follow Focus (Focus Wheel)	HDMI Cable Type	Wireless Control Type	Camera Firmware Version	Notes	Remark
	Save	Playback	Save	Playback		Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode								
Sony α7C	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C	V1.00	1. Please select "PC Remote" for your camera's "USB Connection". 2. For Sony cameras, after connecting gimbal and camera with control cable, power on the gimbal and then the camera. Make sure the camera is fully charged. 3. When shooting Panorama or Timelapse, it is recommended to turn off the Sony camera's auto review. 4. To trigger electronic focus, please set "Manual Focus (MF)" under "focus mode". 5. When using the Bluetooth control unit, make sure "USB Power Supply" is off.	/

Camera Model	Photo		Video		Live Preview	Shutter Speed Adjustment		Aperture Adjustment		ISO Adjustment		EV Adjustment		Zoom (Digital/ Optical)	Halfway Press Shutter Button to Autofocus	Electronic Follow Focus (Focus Wheel)	HDMI Cable Type	Wireless Control Type	Camera Firmware Version	Notes	Remark
	Save	Playback	Save	Playback		Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode								
Sony α6600	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	Multi USB	V1.10	1. Please select "PC Remote" for your camera's "USB Connection". 2. For Sony cameras, after connecting gimbal and camera with control cable, power on the gimbal and then the camera. Make sure the camera is fully charged. 3. When shooting Panorama or Timelapse, it is recommended to turn off the Sony camera's auto review. 4. When using the Bluetooth control unit, make sure "USB Power Supply" is off.	/
Sony α6400	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	Multi USB	V2.00		
Sony α6100	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	Multi USB	V1.00		
Sony ZV-E10	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V1.00		
Sony DSC-RX100M5	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Multi USB	V1.01		
Sony DSC-RX100M6	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Multi USB	V1.01		
Sony DSC-RX100M7	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Multi USB	V1.00		

Camera Model	Photo		Video		Live Preview	Shutter Speed Adjustment		Aperture Adjustment		ISO Adjustment		EV Adjustment		Zoom (Digital/ Optical)	Halfway Press Shutter Button to Autofocus	Electronic Follow Focus (Focus Wheel)	HDMI Cable Type	Wireless Control Type	Camera Firmware Version	Notes	Remark
	Save	Playback	Save	Playback		Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode								
Sony ZV-1	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	Multi USB	V2.01	1. Please select "PC Remote" for your camera's "USB Connection". 2. For Sony cameras, after connecting gimbal and camera with control cable, power on the gimbal and then the camera. Make sure the camera is fully charged. 3. When shooting Panorama or Timelapse, it is recommended to turn off the Sony camera's auto review. 4. When using the Bluetooth control unit, make sure "USB Power Supply" is off.	/

Camera Model	Photo		Video		Live Preview	Shutter Speed Adjustment		Aperture Adjustment		ISO Adjustment		EV Adjustment		Zoom (Digital/Optical)	Halfway Press Shutter Button to Autofocus	Electronic Follow Focus (Focus Wheel)	HDMI Cable Type	Wireless Control Type	Camera Firmware Version	Notes	Remark
	Save	Playback	Save	Playback		Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode								
FUJIFILM X-A7					-							-	-	-	-	-	-	Type-C USB	V1.32	1. Please set the "connection mode" into "USB TETHER shooting auto" for camera connection settings. 2. In Photo mode of Fujifilm, camera parameter control from camera is disabled and you can only adjust camera parameters via gimbal. Press LV button of gimbal to resume parameter control of your camera and press LV button again to return to gimbal control; Fujifilm doesn't support saving photos in RAW format.	/
FUJIFILM X-T3	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	Type-C USB	V4.11		
FUJIFILM X-T4	√	√	√	√	-	√	√	-	-	-	-	-	-	-	-	-	-	Type-C USB	V1.01		
Panasonic DMC-GH5	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V2.6	1. Please select "PC (Tether)" for your camera's "USB Connection". 2. When using electronic focusing, the camera lens should be in "MF" mode. 3. Before connecting with a control cable, please first turn off the USB Power Supply in camera settings. 4. When shooting Panorama or Timelapse, it is recommended to turn off auto review and duration time(photo) in the Panasonic camera.	/
Panasonic DMC-GH5S	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V1.3		

Camera Model	Photo		Video		Live Preview	Shutter Speed Adjustment		Aperture Adjustment		ISO Adjustment		EV Adjustment		Zoom (Digital/ Optical)	Halfway Press Shutter Button to Autofocus	Electronic Follow Focus (Focus Wheel)	HDMI Cable Type	Wireless Control Type	Camera Firmware Version	Notes	Remark
	Save	Playback	Save	Playback		Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode								
Canon EOS R	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V1.3.0	1. Please apply electronic follow focus function in AF mode of the lens 2. If using electronic focusing when recording a video, please "Disable" the " Movie Servo AF ". 3. When shooting Panorama or Timelapse, it is recommended to turn off image confirmation in the Canon camera. 4. For Canon mirrorless cameras, switch the shooting mode to photo mode before taking photos. When shooting a video is needed, switch the shooting mode to movie mode. Please turn off your camera before switching modes. For EOS R/RP/R5/R6, shutter release can't be used to control video shooting in photo mode otherwise the camera may freeze. (In this case please take out the camera batteries and reinstall and turn on the camera again)	/
Canon EOS RP	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V1.3.0		/
Canon EOS R5	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V1.10		/
Canon EOS R6	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V1.3.1		/
Canon EOS M50	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Micro USB	1.1.0		Slight interference between port cap and Bluetooth control unit
Canon M50 Mark II	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Micro USB	1.1.0		Slight interference between port cap and Bluetooth control unit
Canon EOS M6	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Micro USB	V1.1.1		/
Canon EOS M6 Mark II	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V1.1.1		/
Canon EOS 200D Mark II	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V1.02		/
Canon PowerShot G7X Mark III	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V1.20		/

Camera Model	Photo		Video		Live Preview	Shutter Speed Adjustment		Aperture Adjustment		ISO Adjustment		EV Adjustment		Zoom (Digital/ Optical)	Halfway Press Shutter Button to Autofocus	Electronic Follow Focus (Focus Wheel)	HDMI Cable Type	Wireless Control Type	Camera Firmware Version	Notes	Remark
	Save	Playback	Save	Playback		Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode	Photo Mode	Video Mode								
Nikon Z50	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Micro USB	V1.00	1. When using electronic focusing, the camera lens should be in A(AF) mode and select AF-S or AF-C in focusing mode. 2. Nikon cameras don't support electronic focusing when recording. 3. When shooting Panorama or Timelapse, it is recommended to turn off image review in the Nikon camera to reduce system latency.	/
Nikon Z5	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V1.00		
Nikon Z6	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V3.00		
Nikon Z6 II	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V1.00		
Nikon Z7	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V2.01		
Nikon Z7 II	√	√	√	√	-	√	√	√	√	√	√	-	-	-	-	√	-	Type-C USB	V1.00		
Nikon Zfc	√	√	√	√	-	-	-	√	√	-	-	-	-	-	-	√	-	Type-C USB	V1.00		

Notes:
1. This table will be updated in line with firmware update and is subject to change without prior notice;
2. For Sony cameras, after connecting with the Bluetooth control unit, Please first power on the gimbal and then the camera. Make sure the camera has sufficient power to operate. For Sony A7R3, please set the auto power off to 30min in the camera menu.
3. The Canon DSLR cannot realize the halfway press shutter button to autofocus in Live Preview. If the feature is used, the camera Live Preview mode should be turned off.
4. "√" means the camera can achieve the function after connecting to the gimbal; "×" means the camera currently cannot achieve the function after connecting to the gimbal, but there're possibilities that the function may be available after the firmware upgrade or other ways. "-" means the function is not available after connecting to the gimbal due to the unopened camera protocol.