



ZHIYUN 1D X Mark Crane 3 LAB Camera User Manual

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ZHIYUN

ZHIYUN 1D X Mark Crane 3 LAB Camera



Product Information

Specifications

- Model: CRANE 3 LAB
- Firmware Version: V3.20
- Last Update Date: February 19, 2021

Camera Compatibility

This model is an early product and will no longer receive firmware updates. Compatibility with new camera models will also be discontinued. The following camera models can be balanced and achieve stabilization effect on CRANE 3 LAB:

| Camera Brand | Model | Compatible Cables | Grip Control | APP Control | Support Image Transmission |
|--------------|---------------|----------------------------------|---|--|----------------------------|
| Canon | 1D X Mark III | Cable mark: USB 3.0 to USB Micro | 1. Take photos 2. Start/stop recording video 3. Turn on/off live view 4. Aperture, shutter speed, ISO adjustment 5. Half press to activate auto focus mode of the camera 6. Digital follow focus | 1. Take photos 2. Start/stop recording video 3. Aperture, shutter speed, ISO adjustment 4. Digital follow focus | Yes |
| Canon | 5DS 5DS R | Cable mark: USB 3.0 to USB Micro | Same as Grip Control | Same as APP Control | No |

Compatible Lenses

Camera Firmware Version: v1.1.6

- EF 16-35mm f/2.8L III USM
- EF 24-70mm f/2.8L II USM
- EF 24-105mm f/4L IS II USM
- EF 50mm f/1.4 USM
- EF 85mm f/1.4L IS USM
- EF 85mm f/1.8 USM
- Sigma 35mm f/1.4 DG HSM Art
- Sigma 50mm f/1.4 DG HSM Art
- Sigma 24-70mm f/2.8 DG HSM Art

Product Usage Instructions

Grip Control

The following functions can be controlled using the grip:

1. Take photos
2. Start/stop recording video
3. Turn on/off live view
4. Aperture, shutter speed, ISO adjustment
5. Half press to activate auto focus mode of the camera
6. Digital follow focus

APP Control

The following functions can be controlled using the app:

1. Take photos
2. Start/stop recording video
3. Aperture, shutter speed, ISO adjustment
4. Digital follow focus

Precautions for Camera/Lens Settings

1. When applying the digital follow focus function, the lens should be in AF mode while the camera is in live view mode.
2. Disable the Movie Servo AF function (or similar functions) when applying the manual digital follow focus function with the camera in Video mode.
3. When applying the image transmission function of the stabilizer, set the HDMI Frame Rate of the camera to 50.00P (PAL), 59.94P (NTSC) or 23.98P (NTSC).
4. When the camera is in video mode, select HDMI display > Camera + Monitor for live view on both camera and

phone.

5. When applying the image transmission function of the stabilizer, the camera has to be set in live view mode.
6. It is recommended to turn off the Auto Review of the camera.

FAQ

- Q: Will there be firmware updates for this model in the future?
A: No, firmware updates for this model will no longer be carried out.
- Q: Can I use new camera models with CRANE 3 LAB?
A: Compatibility with all new camera models will be discontinued.
- Q: How can I control the camera functions?
A: You can control various camera functions such as taking photos, recording videos, adjusting settings, activating autofocus, and digital follow focus using the grip or the app.
- Q: Can I use image transmission with all camera models?
A: Image transmission support depends on the camera model. Please refer to the compatibility list for details.

LAB Camera Compatibility List

This model is an early product, and its features have been improved to a great extent. Therefore, firmware updates for this model will no longer be carried out, and compatibility with all new camera models will also be discontinued. Last update date: February 19, 2021

- Updated on August 5, 2020 (for stabilizer firmware V1.90, image transmission firmware V1.80).
- Camera models and lenses listed in the table below can be balanced and achieve a stabilization effect on CRANE 3 LAB.
- Camera models that can be controlled by CRANE 3 LAB are listed in the table below and this table will grow as tests continue.

| Camera Brand | Model | Compatible Cables | Grip Control | APP Control | Support Image Transmission or not | Precautions for Camera/Lens Settings | Camera Firmware Version | Compatible Lenses |
|--------------|-------|-------------------|--------------|-------------|-----------------------------------|--------------------------------------|-------------------------|-------------------|
|--------------|-------|-------------------|--------------|-------------|-----------------------------------|--------------------------------------|-------------------------|-------------------|

| | | | | | | | | |
|--|-------------|--|--|--|-----|---|--------|----------------------------------|
| | | | | | | <p>1. When applying digital follow focus function, the lens should be in AF mode while the camera in live view mode.</p> <p>2. Disable Movie Servo AF function (or similar functions) when applying manual digital follow focus function with the camera in Video mode.</p> <p>3. When applying image transmission function of the stabilizer, set HDMI Frame Rate of the camera to 50.00P (PAL), 59.94P (NTSC) or 23.98P (NTSC).</p> <p>4. When the camera is in video mode, select HDMI display > Camera + Monitor for live view on both camera and phone.</p> <p>5. When applying image transmission function of the stabilizer, the camera has to be set in live view mode.</p> <p>6. It is recommended to turn off Auto Review of the camera.</p> | | |
| | 1DX Mark II | <p>Cable mark: ② USB 3.0 to USB Micro</p> <p>—</p> <p>Cable mark: HDMI Mini to HDMI Mini</p> | <p>1. Take photos</p> <p>2. Start/stop recording video</p> <p>3. Turn on/off live view</p> <p>4. Aperture, shutter speed, ISO adjustment</p> <p>5. Half press to activate auto focus mode of the camera</p> <p>6. Digital follow focus</p> | | Yes | | v1.1.6 | |
| | | | | | | | | EF 16-35mm f/2.8L III USM EF 24- |

| | | | | | | | | |
|-------|-------|---------------------------------------|---|--|----|---|---------|--|
| Canon | 5DS | Cable mark: ② USB 3.0 to USB Micro | 1. Take photos 2. Start/stop recording video 3. Turn on/off live view 4. Aperture, shutter speed, ISO adjustment 5. Half press to activate auto focus mode of the camera 6. Digital follow focus | 1. Take photos 2. Start/stop recording video 3. Aperture, shutter speed, ISO adjustment 4. Digital follow focus | No | 1. When applying digital follow focus function, the lens should be in AF mode while the camera in live view mode. 2. Disable Movie Servo AF function (or similar functions) when applying manual digital follow focus function with the camera in Video mode. 3. It is recommended to turn off Auto Review of the camera. | v1.1.1 | 70mm f/2.8 L II USM EF 24-105mm f/4L IS II USM EF 50mm f/1.4 USM EF 85mm f/1.4L IS USM EF 85mm f/1.8 USM Sigma 35mm f/1.4 DG HSM Art Sigma 50mm f/1.4 DG HSM Art Sigma 24-70mm f/2.8 DG HSM Art |
| | 5DS R | Cable mark: ② USB 3.0 to USB Micro | 1. Take photos 2. Start/stop recording video 3. Turn on/off live view 4. Aperture, shutter speed, ISO adjustment 5. Half press to activate auto focus mode of the camera 6. Digital follow focus | | No | 1. When applying digital follow focus function, the lens should be in AF mode while the camera in live view mode. 2. Disable Movie Servo AF function (or similar functions) when applying manual digital follow focus function with the camera in Video mode. 3. It is recommended to turn off Auto Review of the camera. | v1.1.2R | |

| Camera Brand | Model | Compatible Cables | Grip Control | APP Control | Support Image Transmission or not | Precautions for Camera/Lens Settings | Camera Firmware Version | Compatible Lenses |
|--------------|------------|--|---|-------------|-----------------------------------|--|-------------------------|-------------------|
| | 5D Mark IV | Cable mark: ② USB 3.0 to USB Micro Cable mark: HDMI Mini to HDMI Mini | 1. Take photos 2. Start/stop recording video 3. Turn on/off live view 4. Aperture, shutter speed, ISO adjustment 5. Half press to activate auto focus mode of the camera 6. Digital follow focus | | Yes | 1. When applying digital follow focus function, the lens should be in AF mode while the camera in live view mode. 2. Disable Movie Servo AF function (or similar functions) when applying manual digital follow focus function with the camera in Video mode. 3. When applying image transmission function of the stabilizer, set HDMI Frame Rate of the camera to 50.00P (PAL), 59.94P (NTSC) or 23.98P (NTSC). 4. When the camera is in video mode, select HDMI display >Camera + Monitor for live view on both camera and phone. 5. When applying image transmission function of the stabilizer, the camera has to be set in live view mode. 6. It is recommended to turn off Auto Review of the camera. | v1.1.2 | |

| | | | | | | |
|-------|-------------|--|---|-----|---|--------|
| Canon | 5D Mark III | <p>Cable mark: ① USB 3.0 to USB Mini</p> <p>Cable mark: HDMI Mini to HDMI Mini</p> | <ol style="list-style-type: none"> 1. Take photos 2. Start/stop recording video 3. Turn on/off live view 4. Aperture, shutter speed, ISO adjustment 5. Half press to activate auto focus mode of the camera 6. Digital follow focus | Yes | <ol style="list-style-type: none"> 1. When applying follow focus function, the lens should be in AF mode while the camera in live view mode. 2. When applying image transmission function of the stabilizer, set HDMI Frame Rate of the camera to 24P. 3. When the camera is in video mode, select HDMI output + LCD Mirroring >Mirroring for live view on both camera and phone. 4. When applying image transmission function of the stabilizer, the camera has to be set in live view mode. 5. It is recommended to turn off Auto Review of the camera. | v1.3.5 |
| | | | <ol style="list-style-type: none"> 1. Take photos 2. Start/stop recording video 3. Aperture, shutter speed, ISO adjustment 4. Digital follow focus | | <p>EF 16-35mm f/2.8L III USM EF 24-70mm f/2.8L II USM EF 24-105mm f/4L IS II USM EF 50mm f/1.4 USM</p> <p>EF 85mm f/1.4L IS USM EF 85mm f/1.8 USM</p> <p>Sigma 35mm f/1.4 DG HSM Art Sigma 50mm f/1.4 DG HSM Art</p> | |

| | | | | | | | | |
|--|------------|--|---|--|-----|---|--------|--------------------------------|
| | 5D Mark II | Cable mark: ① USB 3.0 to USB Mini | <p>1. Take photos</p> <p>2. Start/stop recording video</p> <p>3. Turn on/off live view</p> <p>4. Aperture, shutter speed, ISO adjustment</p> <p>5. Half press to activate auto focus mode of the camera during viewfinder shooting</p> <p>6. Digital follow focus</p> | | No | <p>1. When applying digital follow focus function, the lens should be in AF mode while the camera in live view mode.</p> <p>2. It is recommended to turn off Auto Review of the camera.</p> | v2.1.2 | Sigma 24-70mm f/2.8 DG HSM Art |
| | 6D Mark II | <p>Cable mark: ① USB 3.0 to USB Mini</p> <p>Cable mark: HDMI Mini to HDMI Mini</p> | <p>1. Take photos</p> <p>2. Start/stop recording video</p> <p>3. Turn on/off live view</p> <p>4. Aperture, shutter speed, ISO adjustment</p> <p>5. Half press to activate auto focus mode of the camera</p> <p>6. Digital follow focus</p> | | Yes | <p>1. When applying digital follow focus function, the lens should be in AF mode while the camera in live view mode.</p> <p>2. Disable Movie Servo AF function (or similar functions) when applying manual digital follow focus function with the camera in Video mode.</p> <p>3. When applying image transmission function of the stabilizer, the camera has to be set in live view mode.</p> <p>4. It is recommended to turn off Auto Review of the camera.</p> | v1.0.4 | |

| Camera Brand | Model | Compatible Cables | Grip Control | APP Control | Support Image Transmission or not | Precautions for Camera/Lens Settings | Camera Firmware Version | Compatible Lenses |
|--------------|-------|--------------------------------------|---|-------------|-----------------------------------|--|-------------------------|-------------------------------------|
| | 6D | Cable mark: ① USB 3.0 to USB Mini | 1. Take photos 2. Start/stop recording video 3. Turn on/off live view 4. Aperture, shutter speed, ISO adjustment 5. Half press to activate auto focus mode of the camera 6. Digital follow focus | | No | 1. When applying digital follow focus function, the lens should be in AF mode while the camera in live view mode. 2. It is recommended to turn off Auto Review of the camera. | v1.1.8 | EF 16-35mm f/2.8L III USM EF 24- |
| | | | | | | | | |

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|-----------|-----|---|---|-----|---|------------|--|
| Cano n | 80D | <p>Cable mark: ① USB 3.0 to USB Mini</p> <p>—</p> <p>Cable mark: HDMI Mini to HDMI Mini</p> | <p>1. Take ph otos</p> <p>2. Start/sto p recording video</p> <p>3. Turn on/ off live vie w</p> <p>4. Aperture , shutter sp eed, ISO a djustment</p> <p>5. Half pre ss to activa te auto foc us mode of the camera</p> <p>6. Digital fo llow focus</p> | Yes | <p>1. When applying digital follow focus function, the lens should be in AF m ode while the cam era in live view m ode.</p> <p>2. Disable Movie Servo AF function (or similar function s) when applying manual digital foll ow focus function with the camera in Video mode.</p> <p>3. When applying image transmissio n function of the s tabilizer, the came ra has to be set in live view mode.</p> <p>4. It is recommended to t urn off Auto Revie w of the camera.</p> | v1.0. 2 | <p>70mm f/2.8 L II USM EF 24-105mm f /4L IS II US M EF 50mm f/1.4 USM</p> <p>EF 85mm f/ 1.4L IS US M EF 85mm f/1.8 USM</p> <p>Sigma 35m m f/1.4 DG HSM Art Sig ma 50mm f/ 1.4 DG HS M Art Sigma 24-7 0mm f/2.8 D G HSM Art</p> |
| | | | | | | | |

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|--|-------|--|--|--|-----|--|--------|---|
| | EOS R | <p>Cable mark: ⑤ USB 3.0 to Type-C</p> <p>–</p> <p>Cable mark: HDMI Mini to HDMI Mini</p> | <p>1. Take photos</p> <p>2. Start/stop recording video</p> <p>3. Aperture, shutter speed, ISO adjustment</p> <p>4. Half press to activate auto focus mode of the camera</p> <p>5. Digital follow focus</p> | | Yes | <p>1. When applying digital follow focus function, the lens should be in AF mode.</p> <p>2. Disable Movie Servo AF function (or similar functions) when applying manual digital follow focus function with the camera in Video mode.</p> <p>3. When applying image transmission function of the stabilizer, set the HDMI output resolution of the camera to 1080P.</p> <p>4. When the camera is in video mode, select HDMI display >Camera + Monitor for live view on both camera and phone.</p> <p>5. It is recommended to turn off Auto Review of the camera.</p> | v1.0.0 | <p>RF 24-105mm F4 L IS USM EF 16-35mm f/2.8L III USM EF 24-70mm f/2.8L II USM EF 24-105mm f/4L IS II USM EF 50mm f/1.4 USM</p> <p>EF 85mm f/1.4L IS USM EF 85mm f/1.8 USM</p> <p>Sigma 35mm f/1.4 DG HSM Art Sigma 50mm f/1.4 DG HSM Art Sigma 24-70mm f/2.8 DG HSM Art</p> |
| | GH 4 | <p>Cable mark: ④ USB 3.0 to USB Mini 8P + φ2.5mm plug</p> <p>Cable mark: HDMI Mini to HDMI Micro</p> | <p>1. Take photos</p> <p>2. Start/stop recording video</p> <p>3. Half press to activate auto focus mode of the camera</p> | <p>1. Take photos</p> <p>2. Start/stop recording video</p> | Yes | <p>1. Set the camera USB mode to “Remote Control”.</p> <p>2. It is recommended to set Duration Time in Auto Review to OFF.</p> | v2.7 | |
| | GH 5 | | | | Yes | <p>1. Set the camera USB mode to PC (Tether).</p> <p>2. When applying image transmission function of the stabilizer, select H</p> | v2.4 | <p>LEICA DG VARIO-ELMARIT 8 - 18mm/F2.8-4.0 ASPH</p> <p>LUMIX G X VARIO 12-35mm/F2.8 II</p> |

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|-----------|------|---|--|---|-----|--|------|--|
| Panasonic | GH5S | Cable mark: ⑤ USB 3.0 to Type-C Cable mark: HDMI Mini to HDMI (optional) | 1. Take photos 2. Start/stop recording video 3. Aperture, shutter speed, ISO adjustment 4. Half press to activate auto focus mode of the camera | 1. Take photos 2. Start/stop recording video 3. Aperture, shutter speed, ISO adjustment | Yes | DMI Rec Output > Down Convert >1080P. 3. It is recommended to set Duration Time (photo) in Auto Review to OFF. 4. Limited by the camera system, when output signals from HDMI port on GH5 and GH5S, image display on external devices will start 3 seconds later after clicking the Rec button. No delay when the camera is in video mode. | v1.2 | ASPH POWER O.I.S. LUMIX G VARIO 12-60 mm/F3.5-5.6 ASPH./POWER O.I.S. LUMIX G 25mm/F1.7 ASPH LUMIX G M ACRO 30mm/F2.8 ASPH MEGA O.I.S. |
|-----------|------|---|--|---|-----|--|------|--|

| Camera Brand | Model | Compatible Cables | Grip Control | APP Control | Support Image Transmission or not | Precautions for Camera/Lens Settings | Camera Firmware Version | Compatible Lenses |
|--------------|-------|-------------------|--|---|-----------------------------------|---|-------------------------|-------------------|
| | A9 | | | | Yes | 1. Select MENU > USB Connection > PC Remote. 2. Set the remote computer control as computer + camera device. 3. Select HDMI > HDMI Resolution >1080P. 4. Users can perform live preview on both camera and phone when HD | v4.10 | |
| | A7R3 | | | | Yes | | v2.10 | |
| | | | 1. Take photos 2. Start/stop recording video 3. Aperture, shutter speed, ISO adjustment 4. Half pre | 1. Take photos 2. Start/stop recording video 3. Aperture, shutter speed, IS | | | | |

| | | | | | | | | |
|------|------|-------------------------------------|--|---|-----|---|-------|---|
| Sony | A7M3 | | <p>press to activate auto focus mode of the camera</p> <p>5. Digital zoom</p> | <p>O adjustment</p> <p>4. Digital zoom</p> | Yes | <p>MI setting and HDMI Info of the camera are being turned off.</p> <p>5. It is recommended to turn off Auto Review of the camera.</p> | v2.10 | <p>FE 12-24mm F4 G</p> <p>FE 16-35mm F2.8 GM</p> <p>FE 24-70mm F2.8 GM</p> <p>Vario-Tessar T* FE 24-70mm F4 ZA OSS</p> |
| | A7R2 | Cable mark: ③ USB 3.0 to Multi | | | Yes | | v4.00 | FE 28mm F2 |
| | A7S2 | Cable mark: HDMI Mini to HDMI Micro | <p>1. Start/stop recording video</p> <p>2. Aperture, shutter speed, ISO adjustment</p> <p>3. Half press to activate auto focus mode of the camera</p> <p>4. Digital zoom</p> | <p>1. Start/stop recording video</p> <p>2. Aperture, shutter speed, ISO adjustment</p> <p>3. Digital zoom</p> | Yes | <p>1. Select MENU > USB Connection > PC Remote.</p> <p>2. Select HDMI > HDMI Resolution > 1080P.</p> <p>3. Users can perform live preview on both camera and phone when HDMI setting and HDMI Info of the camera are being turned off.</p> <p>4. It is recommended to turn off Auto Review of the camera.</p> | v3.00 | <p>Distagon T* FE 35mm F1.4 ZA</p> <p>Sonnar T* FE 35mm F2.8 ZA</p> <p>Sonnar T* FE 55mm F1.8 ZA</p> <p>FE 85mm F1.4 GM</p> |
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|-------|------|---|---|---|-----|---|-------|--|
| Nikon | D850 | <p>Cable mark: ② USB 3.0 to USB Micro</p> <p>Cable mark: HDMI Mini to HDMI Mini</p> | <p>1. Take photos</p> <p>2. Start/stop recording video</p> <p>3. Turn on/off live preview</p> <p>4. Aperture, shutter speed, ISO adjustment</p> <p>5. Half press to activate auto focus mode of the camera</p> <p>6. Digital follow focus</p> | <p>1. Take photos</p> <p>2. Start/stop recording video</p> <p>3. Aperture, shutter speed, ISO adjustment</p> <p>4. Digital follow focus</p> | Yes | <p>1. When applying electronic follow focus, please set the lens mode to M/A, camera mode to AF and LV, focus mode to AF-S.</p> <p>2. When applying image transmission function of the stabilizer, the camera has to be set in live preview mode.</p> <p>(Live Preview operation instruction: press LV button on the handle of CRANE 3 LAB, the camera will flip up the reflex mirror to enter live preview mode).</p> <p>3. Select HDMI > Output Resolution > 1080P when applying image transmission function of the stabilizer.</p> <p>4. It is recommended to turn off Image Review of the camera.</p> | v1.01 | <p>AF-S NIKKOR 14-24mm f/2.8G ED AF-S NIKKOR 16-35mm f/4G ED VR AF-S NIKKOR 24-70mm f/2.8E</p> <p>ED VR</p> <p>AF-S NIKKOR 24-120mm f/4G ED V AF-S NIKKOR 24mm f/1.8G ED</p> <p>AF-S NIKKOR 35mm f/1.4G AF-S NIKKOR 50mm f/1.4G AF-S NIKKOR 85mm f/1.4G AF-S NIKKOR 85mm f/1.8G</p> <p>Sigma 35mm f/1.4 DG HSM Art Sigma 50mm f/1.4 DG HSM Art</p> |
| | Z6 | | <p>1. Take photos</p> <p>2. Start/stop recording video</p> <p>3. Aperture, shutter speed, ISO adjustment</p> | <p>1. Take photos</p> <p>2. Start/stop recording video</p> | Yes | <p>1. When applying electronic follow focus, please set the lens mode to A mode, focus mode to AF-S or AF-C.</p> <p>2. Select HDMI > Output Resolution > 1080P when app</p> | v1.00 | <p>NIKKOR Z 24-70mm f/4 S</p> |
| | | <p>Cable mark: ⑤ USB 3.0 to</p> | <p>1. Take photos</p> <p>2. Start/stop recording video</p> <p>3. Aperture, shutter speed, ISO adjustment</p> | <p>1. Take photos</p> <p>2. Start/stop recording video</p> | | <p>1. When applying electronic follow focus, please set the lens mode to A mode, focus mode to AF-S or AF-C.</p> <p>2. Select HDMI > Output Resolution > 1080P when app</p> | | |

| | | | | | | | | |
|--------------------|-----------------|---|---|---|-----|--|-------|--|
| | Z7 | Type-C — Cable mark: HDMI Mini to HDMI Mini | 4. Half press to activate auto focus mode of the camera 5. Digital follow focus | 3. Aperture, shutter speed, ISO adjustment 4. Digital follow focus | Yes | lying image transmission function of the stabilizer. 3. It is recommended to turn off Image Review of the camera. | v1.00 | |
| Black magic Design | BMPC C 4K/6k | Cable mark ⑤ USB 3.0 to Type-C Cable mark HDMI Mini to HDMI optional " | 1. Start/stop recording video 2. Aperture , shutter speed, ISO adjustment 3. Digital follow focus | 1. Start/stop recording video 2. Digital follow focus" | Yes | / | / | LEICA DG VARIO-ELMARIT 8 - 18mm/F2.8-4.0 ASPH LUMIX G X VARIO 12-35mm/F2.8 II ASPH POWER O.I.S. LUMIX G VARIO 12-60mm/F3.5-5.6 ASPH./POWER O.I.S. LUMIX G 25mm/F1.7 ASPH LUMIX G M ACRO 30mm/F2.8 ASPH MEGA O.I.S. |

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|--------------------|---------------|--|--|-------------------------------|-----|---|---|--|
| Black magic Design | BM PC C 4K/6k | Cable mark ⑤ USB 3.0 to Type-C Cable mark HDMI Mini to HDMI optional ” | 1 Start/stop recording video 2 Aperture, shutter speed, ISO adjustment | 1. Start/stop recording video | Yes | / | / | EF 16-35mm f/2.8L III USM EF 24-70mm f/2.8 L II USM EF 24-105mm f/4L IS II USM EF 50mm f/1.4 USM EF 85mm f/1.4L IS USM EF 85mm f/1.8 USM Sigma 35mm f/1.4 DG HSM Art Sigma 50mm f/1.4 DG HSM Art Sigma 24-70mm f/2.8 DG HSM Art |
|--------------------|---------------|--|--|-------------------------------|-----|---|---|--|

| Camera Brand | Model | Compatible Cables | Grip Control | APP Control | Support Image Transmission or not | Precautions for Camera/Lens Settings | Camera Firmware Version | Compatible Lenses |
|--------------|-------|-------------------|--------------|-------------|-----------------------------------|--------------------------------------|-------------------------|-------------------|
|--------------|-------|-------------------|--------------|-------------|-----------------------------------|--------------------------------------|-------------------------|-------------------|

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|-------|----------|---|--|--|-----|--|-------|--|
| Z CAM | Z CAM E2 | Cable mark ⑤ USB 3.0 to Type-C Cable mark HDMI Mini to HDMI optional ” | 1 Start/stop recording video 2 Aperture, shutter speed, ISO adjustment | 1 Start/stop recording video 2 Aperture, shutter speed, ISO adjustment | Yes | 1. Click [MENU], select [connect] and set [USB] to [serial]; Set [serial] to [controller]. | V0.93 | LEICA DG VARIO-ELMARIT 8 - 18mm/F2.8-4.0 ASPH LUMIX G X VARIO 12-35mm/F2.8 II ASPH POWER O.I.S. LUMIX G VARIO 12-60mm/F3.5-5.6 ASPH./POWER O.I.S. LUMIX G 25mm/F1.7 ASPH LUMIX G M ACRO 30mm/F2.8 ASPH MEGA O.I.S. |
|-------|----------|---|--|--|-----|--|-------|--|

Note:

1. This table will be updated in line with firmware update and is subject to change without prior notice;
2. Balance adjustment of specific cameras and lenses is shown in the attached table;
3. Camera models that are not listed in the table will be tested in the future according to market feedback;
4. For Sony cameras, Panasonic cameras and some Canon cameras parameter settings are unavailable during video recording;
5. When applying the image transmission function of the stabilizer or using an external monitor with a Sony camera, it is not recommended to use video mode as there will be no output from the HDMI port before the recording. In video mode, after clicking the record button on the gimbal or in ZY Play there will be output from the HDMI port;
6. When connecting Sony cameras to the stabilizer with a USB control cable, the stabilizer will charge the camera by default. Please turn off USB charging option of your camera if needed (this option may be unavailable for old models);
7. When applying the image transmission function of the stabilizer, if there is a large number of camera parameters on ZY Play users can change the display via buttons on the cameras: INFO. button for Canon cameras, DISP. button for Panasonic cameras;
8. When the stabilizer is connected to the external follow focus controller or zoom controller, the external follow focus controller or zoom controller will have priority to control the stabilizer.

Attached Table :

1. "Can be balanced at any focal length" means stabilizer balance can be achieved at both ends of the zoom lens.
"Follow focus on the left and zoom/focus controller on the right": by left or right, the direction the lens faces is used as a point of reference. (Users can also install the servo follow focus and the servo zoom/focus controller in their own way; when dealing with small lenses, users can install the servo follow focus and the servo zoom/focus controller without the lens support);
2. For compatibility with camera models and lenses that are not listed in the table, users are free to carry out tests by themselves. Cameras whose weights are within the bearing range of CRANE 3 LAB and can be balanced on it are workable with CRANE 3 LAB;
3. The Remark column is to explain the crosses (x) in columns before it.

| Camera Brand | Model | Lens Type | Lens Support | Balance Adjustment with Camera and Lens Only | Balance Adjustment with Follow Focus and Zoom/Focus Controller | Remark | |
|--------------|--------------------|-----------------------------|--------------|--|---|--------|--|
| | | EF 16-35mm f/2.8 L III USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left | | |
| | | | | | and zoom/focus controller on the right) | | |
| | | EF 24-70mm f/2.8 L II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left | | |
| | | | | | and zoom/focus controller on the right) | | |
| | 1D X Mark II | EF 24-105mm f/4L IS II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | | |
| | Recommended to | EF 50mm f/1.4 USM | √ | √ | √(The follow focus should be mounted on the right side) | | |
| | use with dedicated | EF 85mm f/1.4L IS USM | √ | √ | √(The follow focus should be mounted on the right side) | | |
| | 1D X Mark II quick | EF 85mm f/1.8 USM | √ | √ | √(The follow focus should be mounted on the right side) | | |
| | release plate | | | | | | |
| | | Sigma 35mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | | |

| | | | | | | | |
|-------|-----|--------------------------------|---|--------------------------------------|---|--|--|
| | | Sigma 50mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | | |
| | | Sigma 24-70mm f/2.8 DG HSM Art | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the | No mounting point on the front of the lens | |
| | | | | | right and zoom/focus controller on the left) | | |
| | | EF 16-35mm f/2.8 L III USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left | | |
| | | | | | and zoom/focus controller on the right) | | |
| | | EF 24-70mm f/2.8 L II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left | | |
| | | | | | and zoom/focus controller on the right) | | |
| | | EF 24-105mm f/4L IS II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left | | |
| | | | | | and zoom/focus controller on the right) | | |
| Canon | 5DS | EF 50mm f/1.4 USM | √ | √ | √(The follow focus should be mounted on the right side) | | |
| | | EF 85mm f/1.4L IS USM | √ | √ | √(The follow focus should be mounted on the right side) | | |
| | | EF 85mm f/1.8 USM | √ | √ | √(The follow focus should be mounted on the right side) | | |
| | | Sigma 35mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | | |
| | | Sigma 50mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | | |
| | | Sigma 24-70mm f/2.8 DG HSM Art | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the | No mounting point on the front of the lens | |
| | | | | | right and zoom/focus controller on the left) | | |
| | | EF 16-35mm f/2.8 | √ | √Can be balanced at any f | √Can be balanced at any focal length(Follow focus on the left | | |

| | | | | | | | |
|--|-------|------------------------------------|---|---|---|---|--|
| | | L III USM | | ocal length | and zoom/focus contr oller on the right) | | |
| | | EF 24-70mm f/2.8 L II USM | √ | √Can be balanced at any f ocal length | √Can be balanced at any focal length(Follo w focus on the left and zoom/focus contr oller on the right) | | |
| | | EF 24-105mm f/4L IS II USM | √ | √Can be balanced at any f ocal length | √Can be balanced at any focal length(Follo w focus on the left and zoom/focus contr oller on the right) | | |
| | 5DS R | EF 50mm f/1.4 US M | √ | √ | √(The follow focus sh ould be mounted on t he right side) | | |
| | | EF 85mm f/1.4L IS USM | √ | √ | √(The follow focus sh ould be mounted on t he right side) | | |
| | | EF 85mm f/1.8 US M | √ | √ | √(The follow focus sh ould be mounted on t he right side) | | |
| | | Sigma 35mm f/1.4 DG HSM Art | √ | √ | √(The follow focus sh ould be mounted on t he right side) | | |
| | | Sigma 50mm f/1.4 DG HSM Art | √ | √ | √(The follow focus sh ould be mounted on t he right side) | | |
| | | Sigma 24-70mm f/ 2.8 DG HSM Art | × | √Can be balanced at any f ocal length | √Can be balanced at any focal length(Follo w focus on the right and zoom/focus controller on the left) | No mounting po int on the front of the lens | |

| Cam era Br and | Model | Lens Type | Lens S upport | Balance Adjust ment with Camer a and Lens Only | Balance Adjustment with Follow Focus a nd Zoom/Focus Con troller | Remark |
|-------------------------|-------|------------------------------|------------------|--|---|--------|
| | | EF 16-35mm f/2.8L III USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follo w focus on the left and zoom/focus contr oller on the right) | |
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| 5D Mark IV | EF 24-70mm f/2.8L II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | EF 24-105mm f/4L IS II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | EF 50mm f/1.4 USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | EF 85mm f/1.4L IS USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | EF 85mm f/1.8 USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Sigma 35mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Sigma 50mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Sigma 24-70mm f/2.8 DG HSM Art | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the right and zoom/focus controller on the left) | No mounting point on the front of the lens |
| | EF 16-35mm f/2.8L III USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | EF 24-70mm f/2.8L II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |

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|-------|-------------|--------------------------------|---|--------------------------------------|---|--|
| Canon | 5D Mark III | EF 24-105mm f/4L IS II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | EF 50mm f/1.4 USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | EF 85mm f/1.4L IS USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | EF 85mm f/1.8 USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sigma 35mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sigma 50mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sigma 24-70mm f/2.8 DG HSM Art | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the right and zoom/focus controller on the left) | No mounting point on the front of the lens |
| | | EF 16-35mm f/2.8L III USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | EF 24-70mm f/2.8L II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | EF 24-105mm f/4L IS II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | EF 50mm f/1.4 USM | √ | √ | √(The follow focus should be mounted on the right side) | |

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|------------|--------------------------------|---|--------------------------------------|---|--|
| 5D Mark II | EF 85mm f/1.4L IS USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | EF 85mm f/1.8 USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Sigma 35mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Sigma 50mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Sigma 24-70mm f/2.8 DG HSM Art | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the right and zoom/focus controller on the left) | No mounting point on the front of the lens |
| 6D Mark II | EF 16-35mm f/2.8L III USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | EF 24-70mm f/2.8L II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | EF 24-105mm f/4L IS II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | EF 50mm f/1.4 USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | EF 85mm f/1.4L IS USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | EF 85mm f/1.8 USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Sigma 35mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |

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|--|--|--------------------------------|---|--------------------------------------|---|--|
| | | | | | | |
| | | Sigma 50mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sigma 24-70mm f/2.8 DG HSM Art | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the right and zoom/focus controller on the left) | No mounting point on the front of the lens |

| Camera Brand | Model | Lens Type | Lens Support | Balance Adjustment with Camera and Lens Only | Balance Adjustment with Follow Focus and Zoom/Focus Controller | Remark |
|--------------|-------|-----------------------------|--------------|--|---|--------|
| | | EF 16-35mm f/2.8L III USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | EF 24-70mm f/2.8L II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | EF 24-105mm f/4L IS II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | EF 50mm f/1.4 USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | EF 85mm f/1.4L IS USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | 6D | EF 85mm f/1.8 USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sigma 35mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |

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|-----|--|--------------------------------|---|--------------------------------------|--|--|
| 80D | | Sigma 50mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sigma 24-70mm f/2.8 DG HSM Art | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the right and zoom/focus controller on the left) | No mounting point on the front of the lens |
| | | EF 16-35mm f/2.8L III USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | EF 24-70mm f/2.8L II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | EF 24-105mm f/4L IS II USM | √ | √Can be balanced at any focal length | √Can be balanced at 25-50mm focal length (Follow focus on the left and zoom/focus controller on the right) | Inclined to lean forward when zooming out |
| | | EF 50mm f/1.4 USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | EF 85mm f/1.4L IS USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | EF 85mm f/1.8 USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sigma 35mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sigma 50mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |

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|-------|--|--------------------------------|---|--------------------------------------|---|--|
| Canon | | Sigma 24-70mm f/2.8 DG HSM Art | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the right and zoom/focus controller on the left) | No mounting point on the front of the lens |
| | EOS R Mount Adapter EF- EOS R is needed for non-RF lens | RF 24-105mm F4 L IS USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | EF 16-35mm f/2.8L III USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | EF 24-70mm f/2.8L II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | EF 24-105mm f/4L IS II USM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | EF 50mm f/1.4 USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | EF 85mm f/1.4L IS USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | EF 85mm f/1.8 USM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sigma 35mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sigma 50mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |

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|--|--|--------------------------------|---|--------------------------------------|---|---|
| | | Sigma 24-70mm f/2.8 DG HSM Art | × | √Can be balanced at any focal length | × | 1.No mounting point on the front of the lens 2.After installation of the follow focus and zoom/focus controller the front of the camera with lens combo becomes too heavy to be balanced. |
|--|--|--------------------------------|---|--------------------------------------|---|---|

| Camera Brand | Model | Lens Type | Lens Support | Balance Adjustment with Camera and Lens Only | Balance Adjustment with Follow Focus and Zoom/Focus Controller | Remark |
|--------------|-------|---|--------------|--|---|--------|
| | GH5 | LEICA DG VARIO-ELMARIT 8-18mm/F2.8-4.0 ASPH | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | LUMIX G X VARIO 12-35mm/F2.8 II ASPH POWER O.I.S. | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | LUMIX G VARIO 12-60mm/F3.5-5.6 ASPH./POWER O.I.S. | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | LUMIX G 25mm/F1.7 ASPH | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | LUMIX G MACRO 30mm/F2.8 ASPH MEGA O.I.S. | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | LEICA DG VARIO-ELMARIT 8-18mm/F2.8-4.0 ASPH | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |

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|-------------------------|-------|--|------------------|--|---|--------|
| Pana sonic | GH5S | LUMIX G X VARIO 12-35mm/F2.8 II A SPH POWER O.I. S. | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follo w focus on the left and zoom/focus contr oller on the right) | |
| | | LUMIX G VARIO 1 2-60mm/F3.5-5.6 ASPH./POWER O.I.S. | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follo w focus on the left and zoom/focus contr oller on the right) | |
| | | LUMIX G 25mm/F1.7 ASPH | √ | √ | √(The follow focus should be mounted o n the right side) | |
| | | LUMIX G MACRO 30mm/F2.8 ASPH MEGA O.I.S. | √ | √ | √(The follow focus should be mounted o n the right side) | |
| | GH4 | LEICA DG VARIO- ELMARIT 8-18mm/ F2.8-4.0 ASPH | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follo w focus on the left and zoom/focus contr oller on the right) | |
| | | LUMIX G X VARIO 12-35mm/F2.8 II A SPH POWER O.I. S. | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follo w focus on the left and zoom/focus contr oller on the right) | |
| | | LUMIX G VARIO 1 2-60mm/F3.5-5.6 ASPH./POWER O.I.S. | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follo w focus on the left and zoom/focus contr oller on the right) | |
| | | LUMIX G 25mm/F1.7 ASPH | √ | √ | √(The follow focus should be mounted o n the right side) | |
| | | LUMIX G MACRO 30mm/F2.8 ASPH MEGA O.I.S. | √ | √ | √(The follow focus should be mounted o n the right side) | |
| | | | | | | |
| Cam era Bran d | Model | Lens Type | Lens S upport | Balance Adjust ment with Camer a and Lens Only | Balance Adjustment with Follow Focus a nd Zoom/Focus Con troller | Remark |

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|----|--------------------------------------|---|--------------------------------------|---|---|
| A9 | FE 12-24mm F4 G | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | FE 16-35mm F2.8 GM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | FE 24-70mm F2.8 GM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | Vario-Tessar T* FE 24-70mm F4 ZA OSS | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | No mounting point on the front of the lens |
| | FE 28mm F2 | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Distagon T* FE 35mm F1.4 ZA | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Sonnar T* FE 35mm F2.8 ZA | × | √ | √(The follow focus should be mounted on the right side) | The lens is too short for the lens support to be mounted on |
| | Sonnar T* FE 55mm F1.8 ZA | √ | √ | √(The follow focus should be mounted on the right side) | |
| | FE 85mm F1.4 GM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | FE 12-24mm F4 G | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |

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|------|------|--------------------------------------|---|--------------------------------------|---|---|
| Sony | A7R3 | FE 16-35mm F2.8 GM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | FE 24-70mm F2.8 GM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | Vario-Tessar T* FE 24-70mm F4 ZA OSS | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | No mounting point on the front of the lens |
| | | FE 28mm F2 | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Distagon T* FE 35mm F1.4 ZA | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sonnar T* FE 35mm F2.8 ZA | × | √ | √(The follow focus should be mounted on the right side) | The lens is too short for the lens support to be mounted on |
| | | Sonnar T* FE 55mm F1.8 ZA | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | FE 85mm F1.4 GM | √ | √ | √(The follow focus should be mounted on the right side) | |

| Camera Brand | Model | Lens Type | Lens Support | Balance Adjustment with Camera and Lens Only | Balance Adjustment with Follow Focus and Zoom/Focus Controller | Remark |
|--------------|-------|-----------------|--------------|--|---|--------|
| | | FE 12-24mm F4 G | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | | | | | |

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|------|--------------------------------------|---|--------------------------------------|---|---|
| A7M3 | FE 16-35mm F2.8 GM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | FE 24-70mm F2.8 GM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | Vario-Tessar T* FE 24-70mm F4 ZA OSS | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | No mounting point on the front of the lens |
| | FE 28mm F2 | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Distagon T* FE 35mm F1.4 ZA | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Sonnar T* FE 35mm F2.8 ZA | × | √ | √(The follow focus should be mounted on the right side) | The lens is too short for the lens support to be mounted on |
| | Sonnar T* FE 55mm F1.8 ZA | √ | √ | √(The follow focus should be mounted on the right side) | |
| | FE 85mm F1.4 GM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | FE 12-24mm F4 G | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | FE 16-35mm F2.8 GM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |

| | | | | | | |
|------|------|--------------------------------------|---|--------------------------------------|---|---|
| Sony | A7R2 | FE 24-70mm F2.8 GM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | Vario-Tessar T* FE 24-70mm F4 ZA OSS | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | No mounting point on the front of the lens |
| | | FE 28mm F2 | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Distagon T* FE 35mm F1.4 ZA | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sonnar T* FE 35mm F2.8 ZA | × | √ | √(The follow focus should be mounted on the right side) | The lens is too short for the lens support to be mounted on |
| | | Sonnar T* FE 55mm F1.8 ZA | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | FE 85mm F1.4 GM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | FE 12-24mm F4 G | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | FE 16-35mm F2.8 GM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | FE 24-70mm F2.8 GM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
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|------|---------------------------------------|---|--------------------------------------|---|---|
| A7S2 | Vario-Tessar T* FE 24-70mm F4 ZA O SS | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | No mounting point on the front of the lens |
| | FE 28mm F2 | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Distagon T* FE 35mm F1.4 ZA | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Sonnar T* FE 35mm F2.8 ZA | × | √ | √(The follow focus should be mounted on the right side) | The lens is too short for the lens support to be mounted on |
| | Sonnar T* FE 55mm F1.8 ZA | √ | √ | √(The follow focus should be mounted on the right side) | |
| | FE 85mm F1.4 GM | √ | √ | √(The follow focus should be mounted on the right side) | |
| | FE 12-24mm F4 G | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | FE 16-35mm F2.8 GM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | FE 24-70mm F2.8 GM | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | Vario-Tessar T* FE 24-70mm F4 ZA O SS | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | No mounting point on the front of the lens |

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|------|-----------------------------|---|---|---|---|
| A7M2 | FE 28mm F2 | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Distagon T* FE 35mm F1.4 ZA | √ | √ | √(The follow focus should be mounted on the right side) | |
| | Sonnar T* FE 35mm F2.8 ZA | × | √ | √(The follow focus should be mounted on the right side) | The lens is too short for the lens support to be mounted on |
| | Sonnar T* FE 55mm F1.8 ZA | √ | √ | √(The follow focus should be mounted on the right side) | |
| | FE 85mm F1.4 GM | √ | √ | √(The follow focus should be mounted on the right side) | |

| Camera Brand | Model | Lens Type | Lens Support | Balance Adjustment with Camera and Lens Only | Balance Adjustment with Follow Focus and Zoom/Focus Controller | Remark |
|--------------|-------|----------------------------------|--------------|--|---|--|
| | | AF-S NIKKOR 14-24mm f/2.8G ED | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | AF-S NIKKOR 16-35mm f/4G ED VR | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | AF-S NIKKOR 24-70mm f/2.8E ED VR | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the left and zoom/focus controller on the right) | |
| | | AF-S NIKKOR 24-120mm f/4G ED V | × | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the right and zoom/focus controller on the left) | No mounting point on the front of the lens |
| | | AF-S NIKKOR 24mm f/1.8G ED | √ | √ | √(The follow focus should be mounted on the right side) | |

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|-------------------|----------|---|--------------|--|---|--------|
| Nikon | D850 | AF-S NIKKOR 35mm f/1.4G | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | AF-S NIKKOR 50mm f/1.4G | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | AF-S NIKKOR 85mm f/1.4G | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | AF-S NIKKOR 85mm f/1.8G | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sigma 35mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |
| | | Sigma 50mm f/1.4 DG HSM Art | √ | √ | √(The follow focus should be mounted on the right side) | |
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| Camera Brand | Model | Lens Type | Lens Support | Balance Adjustment with Camera and Lens Only | Balance Adjustment with Follow Focus and Zoom/Focus Controller | Remark |
| Blackmagic Design | BMPCC 4K | LUMIX G VARIO 12-60mm/F3.5-5.6 ASPH./POWER O.I.S. | √ | √Can be balanced at any focal length | √Can be balanced at any focal length(Follow focus on the right and zoom/focus controller on the left) | |

Documents / Resources

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|---|---|
|  | ZHIYUN 1D X Mark Crane 3 LAB Camera [pdf] User Manual 1D X Mark, 5DS, 5DS R, 1D X Mark Crane 3 LAB Camera, 1D X Mark, Crane 3 LAB Camera, LAB Camera, Camera |
|---|---|

References

- [User Manual](#)