MOZA AirCross 2 Camera Compatibility List (For Firmware V 1.0.6)

Notes

Notes for Canon camera connection:

1.* Indicates that the Canon DSLR camera is recommended to be set to MF mode. If the camera is shot in AF mode, there will be a low probability of focus failure and jam.

2. Pay attention to the sequence when connecting EOS R/RP to the gimbal:

Turn on the EOS R/RP power -> turn on the gimbal-> connect the gimbal.

When shutting down: disconnect the gimbal and EOS R/RP -> turn off the gimbal -> turn off the camera

Notes for Sony camera connection:

1. Turn off the "Control with smartphone" function in the camera. The specific setting method is as follows:

Select Menu -> Network -> Control with Smartphone -> Select "off".

2. Set the "USB connection" function of the camera to "computer remote control". The specific setting method is as follows:

Select Menu -> Select "Settings" -> Select "USB Connection" -> Select "PC Remote".

3. The 5-axis image stabilization function of the camera will be forced to turn off. When the anti-shake function of the lens is turned on, the anti-shake function will not be affected;

4. The camera will not be able to playback when connecting the control cable.

5. The three models that can achieve electronic follow focus are: Alpha 7 III, Alpha 7R III, Alpha 6400, the lens needs to be set to AF mode, and the camera needs to be set to MF mode

6. For both Micro cable and Multi/C cable, when connecting the camera, if it appears "please check the connected device", please restart the stabilizer and reconnect the camera and the gimbal.

7. Sony ZV1 cannot be balanced in the vertical mode in a default configuration.

8. If the power supply setting is turned off in the Sony camera, the gimbal can still supply power to the camera. Please switch the cable selection (Multi←→Multi/C) to decide whether to power the camera or not. Multi cable means without power supply, Multi/C means power supply.

The electronic follow focus function is not available with some lenses.

M3C-CP and M3C-LANC cables are optional, you can purchase those cables from https://store.gudsen.com/.

Brand	Model	Camera Select Setting	Cable	Shutter	Record	ISO	SS	AV	Trigger Auto Focus	Electronic Focus	Power Supply	Note
Canon	EOS R	M3C-USB	M3C-C	✓	✓	✓	✓	✓	✓	✓	−	Camera firmwareVer.1.0.0
	EOS RP		M3C-C	✓	✓	✓	✓	✓	✓	✓	−	Camera firmwareVer.1.0.1
	EOS 6D Mark II		M3C-Mini	*	✓	✓	✓	✓	✓	✓	−	Camera firmwareVer.1.0.0
	EOS 6D			*	✓	✓	✓	✓	✓	✓	−	
	EOS 60D			*	✓	✓	✓	✓	✓	✓	−	
	EOS 77D			*	✓	✓	✓	✓	✓	✓	−	
	EOS 80D			*	✓	✓	✓	✓	✓	✓	−	
	EOS 5D2			*	✓	✓	✓	✓	✓	✓	−	
	EOS 5D3			*	✓	✓	✓	✓	✓	✓	−	
	EOS 800D/Kiss X9i			*	✓	−	✓	✓	✓	✓	−	Camera firmwareVer.1.0.1
	EOS 5D Mark IV		M3C-Micro	*	✓	✓	✓	✓	✓	✓	−	
	EOS 200D II			*	✓	✓	✓	✓	✓	✓	−	Camera firmwareVer.1.0.0
	EOS M50			✓	✓	✓	✓	✓	✓	✓	−	Camera firmwareVer.1.0.0
	EOS 90D			*	✓	✓	✓	✓	✓	−	−	
	EOS M6 II		M3C-C	✓	✓	✓	✓	✓	✓	−	−	
	EOS M5	Shutter Cable	MCSC-C1	✓	−	−	−	−	−	−	−	
	EOS 750D/Kiss X8i			✓	−	−	−	−	−	−	−	
SONY	α7R (A7 R)	M3C-USB	M3C-Micro	−	✓	✓	✓	✓	✓	−	−	
	α7S (A7 S)			−	✓	✓	✓	✓	✓	−	−	Camera firmware Ver 3.20
	α6000			−	✓	✓	✓	✓	✓	−	−	Camera firmware Ver 3.21
	α6300			−	✓	✓	✓	✓	✓	−	✓	
	α6400			−	✓	✓	✓	✓	✓	✓	✓	Camera firmware Ver.2.00
	α6500			−	✓	✓	✓	✓	✓	−	✓	Camera firmware Ver.1.06
	α7S II (A7S M2)			−	✓	✓	✓	✓	✓	−	✓	
	α7R II (A7R M2)			−	✓	✓	✓	✓	✓	−	✓	
	α7 II (A7 M2)			−	✓	✓	✓	✓	✓	−	−	
	α7 III (A7 M3)			−	✓	✓	✓	✓	✓	✓	✓	Camera firmware Ver 3.10
	α7R III (A7R M3)			−	✓	✓	✓	✓	✓	✓	✓	Camera firmware Ver.3.10
	DSC-RX100M3			−	✓	✓	✓	✓	✓	−	✓	
	DSC-RX100M4			−	✓	✓	✓	✓	✓	−	✓	
	DSC-RX100M5			−	✓	✓	✓	✓	✓	−	✓	
	α7R (A7 R)	MCSC-Multi	MCSC-Multi	✓	✓	−	−	−	✓	−	−	
	α7S (A7 S)			✓	✓	−	−	−	✓	−	−	Camera firmware Ver 3.20
	α7S III(A7S M3)			✓	✓	−	−	−	✓	−	−	
	α6000	MCSC-Multi/C	MCSC-Multi/C	✓	✓	−	−	−	✓	−	−	Camera firmware Ver 3.21
	α6300			✓	✓	−	−	−	✓	−	−	
	α6400			✓	✓	−	−	−	✓	−	✓	Camera firmware Ver.2.00
	α6500			✓	✓	−	−	−	✓	−	✓	Camera firmware Ver.1.06
	α7S II (A7S M2)			✓	✓	−	−	−	✓	−	✓	
	α7R II (A7R M2)			✓	✓	−	−	−	✓	−	✓	
	α7 II (A7 M2)			✓	✓	−	−	−	✓	−	−	
	α7 III (A7 M3)			✓	✓	−	−	−	✓	−	✓	Camera firmware Ver.3.10
	α7R III (A7R M3)			✓	✓	−	−	−	✓	−	✓	
	α7R IV (A7R M4)			✓	✓	−	−	−	✓	−	−	Camera firmware Ver 1.10
	DSC-RX100M3			✓	✓	−	−	−	✓	−	✓	
	DSC-RX100M4			✓	✓	−	−	−	✓	−	✓	
	DSC-RX100M5			✓	✓	−	−	−	✓	−	✓	
	ZV1			✓	✓	−	−	−	✓	−	✓	Camera firmware Ver 1.00 / Not support vertical mode
Panasonic	G7	MCSC-Remote	MCSC-Remote	✓	✓	−	−	−	✓	−	−	
	G85			✓	✓	−	−	−	✓	−	−	
	GH3			✓	✓	−	−	−	✓	−	−	
	GH4			✓	✓	−	−	−	✓	−	−	
	S1			✓	✓	−	−	−	−	−	−	Camera firmware Ver.1.2
	GH5	M3C-USB	M3C-C	✓	✓	✓	✓	✓	✓	✓	✓	Camera firmware Ver 2.6
	GH5s			✓	✓	✓	✓	✓	✓	✓	−	
Nikon	Z6	M3C-USB	M3C-C	✓	✓	✓	✓	✓	✓	✓	−	Camera firmware C 3.00
	Z7		M3C-C	✓	✓	✓	✓	✓	✓	✓	−	Camera firmware C 3.00
	D850		M3C-Micro	✓	✓	✓	✓	✓	✓	✓	−	
FUJIFILM	X-T2	Shutter Cable	MCSC-C1	✓	✓	−	−	−	✓	−	−	
	X-T3			✓	✓	−	−	−	✓	−	−	
	X-T20			✓	✓	−	−	−	✓	−	−	
	X-T30			✓	✓	−	−	−	✓	−	−	
	X-A7			✓	✓	−	−	−	✓	−	−	
	X-T3	M3C-USB	M3C-CP	✓	✓	✓	✓	✓	✓	✓	−	X-T3 needs to be upgraded to the latest firmware. Please refer to the firmware update manual to adjust the settings before auto tuning.
BMD	BMPCC 4K			−	✓	−	−	−	−	−	−	
Z CAM	Z CAM E2	M3C-LANC	M3C-LANC	−	✓	−	−	−	✓	−	−	

MOZA AirCross 2 Lens Compatibility List

Brand	Model	Lens	With L-Bracket			With Manfrotto Quick Release Plate			With Arca-Swiss Quick Release Plate			Reference Link
			Balance Adjustment	Flashlight Mode	Tilt-axis 360° Rotation	Balance Adjustment	Flashlight Mode	Tilt-axis 360° Rotation	Balance Adjustment	Flashlight Mode	Tilt-axis 360° Rotation	
Sony	A7,A7S,A7R,A7M2,A7S2,A7R2,A7M3,A7R3	FE 16-35mm F2.8 GM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 24-70 F2.8 GM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		E PZ 18- -200mm F3.5~6.3 OSS LE	✓	✓	✓	✓	✓	✓	✓	✓	✓	https://www.gudsen.com/Official_Video/Sony-A7M3.mp4
		Sigma 35mmf1.4 DG HSM Art	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 4/24-105 G OSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 85mm F1.4 GM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		E 10-18mm F4 OSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 12- 24mm F4 G	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Vario-Tessar FE 24-70mm F4 ZA OSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Zeiss E 16-70 F4 OSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		E PZ 18-105mm F4 G OSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 28mm F2	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Zeiss FE 35mm F2.8 ZA	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Sigma 30mm F/1.4 DC DN	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 55mm F1.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 50mm F2.8 MACRO	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		E 3.5-5.6/PZ 16-50 OSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 85mm F1.4 GM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Zeiss E 1.8/24 ZA	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 135mm F1.8 GM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 50 F1.8 EF	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 16-35mm F4 ZA	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 35mm F1.4 ZA	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 50mm F1.4 ZA	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		E 18-135mm F3.5-5.6 OSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 90mm F2.8 Macro G macro lenses	✓	✓	✓	✓	✓	–	✓	✓	–	Coming Soon
		FE 24mm F1.4 GM 24GM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Tamron FE 28-75mm F2.8	✓	✓	–	✓	✓	✓	✓	✓	–	Coming Soon
		Sigma 56mm F1.4 DC DN	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
	A6300,A6400,A6500	FE 16-35mm F2.8 GM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 24-70 F2.8 GM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		E PZ 18- -200mmF3.5- -6.3OSS LE	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Sigma 35mmf1.4 DG HSM Art	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 4/24-105 G OSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 85mm F1.4 GM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		E 10-18mm F4 OsS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 12- 24mm F4 G	✓	✓	✓	✓	✓	✓	✓	✓	✓	https://www.gudsen.com/Official_Video/Sony-A6500.mp4
		Vario-Tessar FE 24-70mm F4 ZA OSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Zeiss E 16-70 F4 Oss	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		E PZ 18-105mm F4 G Oss	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 28mm F2	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Zeiss FE 35mm F2.8 ZA	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Sigma 30mmf/1.4 DC DN	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 55mm F1.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 50mm F2.8 MACRO	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 16-35mm F4 ZA	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 35mm F1.4 ZA	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		E 3.5-5.6/PZ 16-50 OSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Zeiss E 1.8/24 ZA	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 135mm F1.8 GM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 50 F1.8 EF	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 50mm F1.4 ZA	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		E 18-135mm F3.5-5.6 OSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 90mm F2.8 Macro G macro lenses	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		FE 24mm F1.4 GM 24GM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Tamron FE 28-75mm F2.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		SIGMA 56mm F1.4 DC DN	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
Canon	EOS R(660g)	RF 28-70mm F2 L USM	✓	✓	✓	✓	✓	–	✓	✓	–	Coming Soon
		RF 24- 105mm F4L IS USM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		RF 50mm F1.2 L USM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		RF 35mm F1.8 MACRO IS STM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		RF 24-240mm F4-6.3 IS USM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		RF 85mm F1.2 L USM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		RF to EF bayonet + EF 85mm f/1.4 L	✓	✓	–	✓	✓	–	✓	✓	–	Coming Soon
		RF to EF bayonet+ EF 16-35mm f/2.8 L II	✓	✓	–	✓	✓	–	✓	✓	–	Coming Soon
		RF to EF bayonet + EF 24-105mm f/4 L II	✓	✓	–	✓	✓	–	✓	✓	–	Coming Soon
		RF to EF bayonet+ EF 135mm F2 L USM	✓	✓	–	✓	✓	–	✓	✓	–	https://www.gudsen.com/Official_Video/Canon-EOSR.mp4
		RF to EF bayonet + EF 35mm F1.4 L II	✓	✓	–	✓	✓	–	✓	✓	–	Coming Soon
		RF to EF bayonet + EF 17-40mm	✓	✓	–	✓	✓	–	✓	✓	–	Coming Soon
	5D2,5D3,5D4,6D,6D2	EF 85mm f/1.4 L	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		EF 16-35mm f/2.8 L II	✓	✓	–	✓	✓	–	✓	✓	–	https://www.gudsen.com/Official_Video/Canon-6D2.mp4
		EF 24-105mm f/4 L II	✓	✓	–	✓	✓	–	✓	✓	–	Coming Soon
		EF 135mm F2 L USM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		EF 35mm F1.4 L II	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		EF 17-40mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		EF 24-70mm 1:2.8 L II USM	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon

Brand	Camera	Lens											Status
Fuji	X-T2,X-T3,X-T20,X-T30	XF 16-55mm 1: 2.8RL M WR	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		XF 90mmF2 R LM WR	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		XF60mm F2.4 R Macro	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		XF 16mm 1:1.4 R WR	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		XF 18-55mm 1:2.8-4 R OIS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		XF 10-24mm f/4.0 R OIS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		XF 18- 135mmf/3.5-5.6 R LM OIS WR	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
Panasonic	GH4,GH5,GH5S	LEICA DG VARIO-ELMARIT 12-60 F2.8~4.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		LEICA DG SUMMILUX 15mm f/1.7	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		LEICA DG SUMMILUX 25mm f/1.4	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		LEICA DG MACRO 45mm f/2.8 OIS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		LEICA DG Vario-Elmarit 8-18mm f/2.8-4.0 ASPH	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		LUMIX G X Vario 12-35mm f/2.8 II ASPH POWER OIS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		LUMIX G 14-140mm f/4-5.8 OIS	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		LUMIX G VARIO 14-140mm F3.5-	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		LUMIX 42.5mm F1.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		LUMIX G VARIO 7-14mm F4.0 ASPH.	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
	S1(102lg)	LUMIX S PRO 50mm F1.4	✓	✓	—	✓	✓	—	✓	✓	—	Coming Soon
		LUMIX S 24-105mm F4 MACRO O.I.S.	✓	✓	—	✓	✓	—	✓	✓	—	Coming Soon
Nikon	Z6,Z7	Nikkor Z 24-70mm f/4 S S	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Nikkor Z 24-70mm f/2.8 S	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Nikkor Z 50mm f/1.8 S	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Nikkor Z 35mm f/1.8 S	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Nikkor Z 85mm f/1.8 S	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		Nikkor Z 14-30mm f/4 S	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
	D810,D850	AF-S Nikkor 105mm f/1.4E ED	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		AF-S Nikkor 24-70mm f/2.8E ED VR	✓	✓	—	✓	✓	—	✓	✓	—	Coming Soon
		AF-S Nikkor 24mm f/1.8G ED	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		AF-S Nikkor 58mm f/1.4G	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		AF-S Nikkor 35mm f/1.8G EG	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		AF-S Nikkor 85mm f/1.4G	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		AF-S Nikkor 35mm f/1.4G	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		AF-S Nikkor 50mm f/1.8G	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		AF-S Nikkor 20mm f/1.8G ED	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		AF-S Nikkor 28mm f/1.8G	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
		AF-S Nikkor 24mm f/1.4G ED	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon
BMD	BMPCC 4K	Panasonic 8-18mm F2.8-4 ASPH	✓	✓	✓	✓	✓	✓	✓	✓	✓	https://www.gudsen.com/Official_Video/BMPCC-4K.mp4
Z CAM	Z CAM E2	LUMIX 42.5mm F1.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	Coming Soon

Note:

1. Due to the variety of lens, the following lens parameters and test data are for reference only.

2. The measured data of the following camera with lens does not apply to any riser plate or counterweight.

3. Due to the limited test lens set, most lenses not listed can be assembled and balanced as long as the dimensions meet the following recommendations.

4. 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 MOZA AirCross 2.