

Compatiable camera list with AK4000

Camera	Model	Lens	Lens model	Lens size & weight	Compatible	Remark for compatible	Controlled	Remark for controlling	
Sony	a6000/6300/6500 (6500:120×66.9×53.3mm,410g)	Sony	E 10-18mm F4 OSS	Ø70*63.5mm · 225g	ok		Taking picture/shooting/zooming in and zooming out.*2 (a6000 only can control taking picture, and shooting. All Sony cameras cannot follow focus.)	Connecting camera through WIFI, the gimbal can control taking pictures/shooting/zooming in and zooming out.*2, and the gimbal can control taking pictures with the supplied cable	
			Sonnar T* E 24mm F1.8 ZA	Ø63*65.5mm · 225g	ok				
			Vario-Tessar T* E 16-70mm F4 ZA OSS	Ø66.6*75mm · 308g	ok				
			E 18-135mm F3.5-5.6 OSS	Ø67.8*88mm · 325g	ok				
			E PZ 18-105mm F4 G OSS	Ø78*110mm · 427g	ok				
			E PZ 18-200 F3.5-6.3 OSS	Ø93.2*99mm · 649g	ok				
	A7 series (A7S II : 126.9×95.7×60.3mm · 584g)	Sigma	20mm F1.4	90.7mm*129.8mm · 950g	ok				
		Sony	FE 28mm F2	Ø64*60mm · 200g	ok		Taking pictures/Shooting in and zooming out can be controlled for A7R III · A7R III *2. All Sony cameras cannot follow focus.)	Connecting camera through WIFI, the gimbal can control taking pictures/shooting. The supplied Sony shutter release cable can control taking picture, please check remarking video.	
			FE 85mm F1.8	Ø78*82mm · 371g	ok				
			FE 50mm F1.8	Ø68.6*59.5mm · 186g	ok				
			Sonnar T* FE 35mm F2.8 ZA	Ø61.5*36.5mm · 120g	ok				
			Sonnar T* FE 55mm F1.8 ZA	Ø64.4*70.5mm · 281g	ok				
			Planar T* FE 50mm F1.4 ZA	Ø83.5*108mm · 778g	ok				
			FE 85mm F1.4 GM	Ø89.5×107.5 mm · 820g	ok				
			Distagon T* FE 35mm F1.4 ZA	Ø78.5*112mm · 630g	ok				
			FE 90mm F2.8 Micro G OSS	Ø79*130mm · 602g	ok				
			E 10-18mm F4 OSS	Ø70*63.5mm · 225g	ok				
			FE 28-70mm F3.5-5.6 OSS	Ø72.5*83mm · 295g	ok				
			Vario-Tessar T* FE 24-70mm F4 ZA OSS	Ø73*94.5mm · 426g	ok				
			Vario-Tessar T* FE 16-35mm F4 ZA OSS	Ø78*98.5mm · 518g	ok				
			E PZ 18-105mm F4 G OSS	Ø78*110mm · 427g	ok				
			FE 12-24mm F4 G	Ø87*117.4mm · 565g	ok				
			FE 100mm F2.8 STF GM OSS	Ø85.2*118.1mm · 700g	ok				
	FE 16-35 mm F2.8 GM	Ø88.5*121.6mm · 680g	ok						
	FE 24-70mm F2.8 GM	Ø87.6*136mm · 886g	ok						
A9 series (126.9×95.6×63mm · 588g)	G series	FE 70-200mm F2.8 GM OSS	Ø88*200mm · 1480g	ok	Please add some weight on gimbal if the lens is too long or too weight				
		FE 24-240mm F3.5-6.3 OSS	Ø80.5*118.5mm,780g	ok					
		FE 70-200mm F4 G OSS	Ø80 * 175mm · 840g	ok	Please add some weight on gimbal if the lens is too long or too weight				
		FE 70-200mm F2.8 GM OSS	Ø88*200mm · 1480g	ok	Please add some weight on gimbal if the lens is too long or too weight				
	Laowa	15mm F2.0	Ø77.2*82mm · 500g	ok					
Helios	58mm F2.0	----	ok						
PXW-FS5	---	---	111.3×128.7×172.4mm (Exclude the camera ledge) · 830g	OK		No			---
PXW-FS7	---	---	---	No	No	No	---		
PXW-Z90	---	---	---	No	No	No	---		
Canon	M50kit		EF-M 15-45mm IS STM	kit 116.3×88.1×58.7mm · 390g	ok			---	
	60D (144.5×105.8×78.6mm · 675g)	Canon EF-S series	EF-S 10-18mm f/4.5-5.6 IS STM	Ø74.6*72mm · 240g	ok		Taking pictures/Shooting /Follow focus/zooming in and zooming out. *1/*2	E3 compatible shuttle release cable not supplied. (Taking picture only, can control camera through WIFI connecting with camera,pls see *1)	
			EF-S 10-22mm f/3.5-4.5 USM	Ø83.5*89.8mm · 385g	ok				
			EF-S 15-85mm f/3.5-5.6 IS USM	Ø81.6*87.5mm · 575g	ok				
	70D		EF-S 17-55mm f/2.8 IS USM	Ø83.5*110.6mm, 645g	ok				
			EF-S 18-55mm f/3.5-5.6 IS STM	Ø69.0*75.2mm, 205g	ok				
			EF-S 18-55mm f/3.5-5.6 IS II	Ø68.5*70mm,200g	ok				
	77D		EF-S 18-55mm f/4-5.6 IS STM	Ø66.5*61.8mm,215g	ok			E3 compatible shuttle release cable not supplied. (Taking picture only, can control camera through WIFI connecting with camera,pls see *1). Please check remarking video if shooting with 80D.	
			EF-S 18-135mm f/3.5-5.6 IS USM	Ø77.4*96mm · 515g	ok				
			EF-S 18-135mm f/3.5-5.6 IS STM	Ø76.6*96mm · 480g	ok				
			EF-S 18-200mm f/3.5-5.6 IS	Ø78.6*102mm · 595g	ok				
			EF-S 55-250mm f/4-5.6 IS STM	Ø70*111.2mm · 375g	ok				
			EF-S 55-250mm f/4-5.6 IS II	Ø70*108mm · 390g	ok				
	80D		EF-S 24mm f/2.8 STM	Ø68.2*22.8mm · 125g	ok			Shooting can be controlled for the listed cameras with supplied Canon shutter release cable (Please check remarking video) :6D Mark II · 70D mark II · 5D Mark III/IV · 5DS/5DS · 1D MARK II	
			EF-S 35mm f/2.8 IS STM Micro	Ø69.2*55.8mm · 190g	ok				
			EF-S 60mm f/2.8 USM Micro	Ø73*69.8mm · 335g	ok				
			7D series	EF zoom lens	EF 8-15mm f/4L USM fisheye	Ø78.5*83mm · 540g			ok
	EF 11-24mm f/4L USM	Ø108*132mm · 1180g			ok				
	EF 16-35mm f/2.8L III USM	Ø88.5*127.5mm,790g			ok				
	EF 16-35mm f/4L IS USM	Ø82.6*112.8mm, 615g			ok				
	EF 17-40mm f/4L USM	Ø83.5*96.8mm, 475g	ok						
	5D series (SD Mark III:152×116.4×76.4mm,950g)		EF 24-70mm f/2.8L II USM		Ø88.5*113mm,805g	ok			
			EF 24-70mm f/4L IS USM		Ø83.4*93mm · 600g	ok			
			EF 24-105mm f/4L IS II USM		Ø83.5*118mm · 795g	ok			
			EF 24-105mm f/3.5-5.6 IS STM		Ø83.4*104mm · 525g	ok			
	5DS/ 5DSR (5DSR :152.0 x 116.4 x 76.4mm, 845g)		EF 28-300mm f/3.5-5.6L IS USM		Ø92*184mm · 1670g	ok			Add some weight on gimbal if the lens is too long or too weight Canon SD is not suggested
			EF 70-200mm f/2.8L IS III USM	Ø88.8*199mm · 1480g	ok				
	6D series	EF prime lens	EF 35mm f/1.4L II USM	Ø80.4*105.5mm,760g	ok				
			EF 50mm f/1.2L USM	Ø85.8*65.5mm,590g	ok				
			EF 85mm f/1.2L II USM	Ø91.5*84mm,1025g	ok				
EF 85mm f/1.4L IS USM			Ø88.6*105.4mm, 950g	ok					
1D series 158.0×163.6×82.7mm			EF 85mm f/1.8 USM	Ø75*71.5mm, 425g	ok				
			EF 100mm f/2.8L IS USM macro	Ø77.7mm*123mm,625g	ok	With 1D - camera close to tilting motor please.			
			EF 135mm f/2L USM	82.5mm*112mm,750g	ok	With 1D - camera close to tilting motor please.			
BDS C200(144*153*179mm)/C200B / 144*146*137mm)/ C300		EF-S 10-18mm f/4.5-5.6 IS STM	Ø74.6*72mm,240g	ok		No	---		

Remark:

*1 Sony camera can be controlled defaulted.If need control Canon and other camera,please connect APP to update the firmware, restart the gimbal and connect APP through camera WIFI.

*2 AK series controlled zooming is digital zooming, but not prime zooming.

Video

[1] How to control shooting by shutter button (For Canon)

Youtube : <https://youtu.be/W9t8HGy4nE>

[2] How to control GH4/ GH54 shooting on A / AK series

Youtube : <https://youtu.be/nBFSaUycRk8>

[3] Video for A9 manu setting

Youtube : <https://www.youtube.com/watch?v=WpJz8eNY3dQ>

Panasonic	GH4	Panasonic prime Lens	H-NS043GK 42.5mm F1.2	Φ74mm*76.8mm · 425g	ok		shooting/video recording/ follow focus/ zooming(Please refer Remark*1/*2)	Panasonic shutter cable (L1) is included in standard package, when camera is in recording mode, can press shooting button to control the camera to do recording, and when camera is in shooting mode, can press the shooting button to control the camera to do shooting and time lapse shooting (see remark (2)), after use App to upgrade button board firmware, WIFI can control the camera to do shooting, time lapse shooting, recording, follow focus, zooming (see remark *1/*2)	
			Lumix G 42.5mm f/1.7 ASPH.	Φ50mm*55mm · 130g	ok				
			Leica DG Summilux 12mm f/1.4 ASPH.	Φ62mm*70mm · 335g	ok	door shot and bokeh			
			H-X015GK 15mm F1.7	Φ57.5mm*36mm · 155g	ok				
			H-X025GK 25mm F1.4	Φ63mm*54.5mm · 200g	ok	aperture, good indoor shot and			
			H-H025 25mm F1.7 ASPH.	Φ60.8mm*52mm · 125g	ok				
			H-E08018GK 8-18mm F2.8-4.0	Φ73.4mm*88mm · 315g	ok				
			H-ES12060GK 12-60mm F2.8-4.0	Φ68.4*86 mm · 320g	ok				
		Panasonic zoom lens	LEICA DG Vario-Elmarit 50-200mm F2.8-4.0 Asph.	Φ67*132mm · 655g	ok				
			H-HSA35100GK 35-100mm F2.8	Φ67.4mm*99.9mm · 357g	ok				
			H-HSA12035GK 12-35mm F2.8	Φ67.6mm*73.8mm · 305g	ok				
			H-FS 14140GGK 14-140mm F3.5-F5.6	Φ67mm*75mm · 265g	ok	For outdoor usage			
			H-F007014GK 7-14mm F4.0	Φ70mm*83.1mm · 300g	ok	wide-angle zoom lens			
			M.Zuiko Digital ED 45mm F1.8	Φ 56mm* 46mm · 116g	ok				
			M.ZUIKO DIGITAL ED 75mm f1.8	Φ64mm*69mm,305g	ok				
			M.ZUIKO DIGITAL ED 12mm f/2.0	Φ 56mm* 43mm · 130g	ok				
Olympus	25mm f/1.2 PRO Zuiko	Φ 70mm*87 mm,410g	ok						
	M.ZD 7-14mm f/2.8 PRO	Φ 78.9mm*105.8mm,534g	ok						
	M.Zuiko Digital ED 12-40mm f/2.8 PRO	Φ69.9mm*84 mm,382 g	ok						
	Nokton 17.5mm f/0.95	Φ63.4 * 80 mm,540 g	ok						
Voigtlander	Nokton 25M M F0.95	Φ 58.4mm* 70.0mm,410g	ok						
	Nokton 42.5mm f/0.95	Φ64.3MM*74.6mm, 571g	ok						
LAOWA	LAOWAC-Dreamer 7.5mm F2.0	Φ50MM*55mm, 163g	ok						
Nikon	D5 (160*158*92mm) D3 (159.5*157*87.5mm) D300 (147*114*74mm-825g) D300S (146*113*74mm-825g) D3S (146*113*74mm-825g) D3X (146*113*74mm-825g) D4 (146*113*74mm-825g) D4S (146*113*74mm-825g) D500 (147.0*115.0*81.0 mm,860g) D5000 (146*113*74mm-825g) D5100 (146*113*74mm-825g) D5300 (146*113*74mm-825g) D5500 (146*113*74mm-825g) D5600 (146*113*74mm-825g) D600 (146*113*74mm-825g) D610 (146*113*74mm-825g) D700 (146*113*74mm-825g) D7000 (146*113*74mm-825g) D7100 (146*113*74mm-825g) D7200 (146*113*74mm-825g) D7500 (146*113*74mm-825g) D750 (140.5*113*78mm,840g) D800 (146*123*81.5mm,900g) D810 (146*123*81.5mm,980g) D850 (146*124*78.5mm,1005g) D90 (132*103*77mm,620g) DF (143.5*110*66.5mm,765g)	IKKOR zoom lens	AF-S NIKKOR 14-24mm F2.8G ED	Φ98 mm* 131.5 mm · 1000 g	ok		please balance the camera from lens direction, or, can put some weight on gimbal for		
			AF-S NIKKOR16-35mm f/4G ED VR	Φ82.5mm*125mm,680 g	ok				
			AF-S Zoom-Nikkor 17-35mm f/2.8D IF-ED	Φ82.5mm*106mm,745 g	ok				
			AF-S NIKKOR 18-35mm f/3.5-4.5G ED	Φ83mm*95mm,385 g	ok				
			AF-S NIKKOR 24-70mm F2.8G ED	Φ83mm*133mm,900 g	ok				
			AF-S NIKKOR 24-70mm f/2.8E ED VR	Φ88mm*154.5mm,1070 g	ok				
			AF Zoom-NIKKOR 24-85mm f/2.8-4D IF	Φ 78mm*82.5mm,545 g	ok				
			AF-S NIKKOR 24-85mm f/3.5-4.5G ED VR	Φ 78mm*82mm,465g	ok				
			AF-S NIKKOR 24-120mm f/4G ED VR	Φ84mm*103mm,710g	ok				
			AF-S NIKKOR 28-300mm f/3.5-5.6G ED VR	Φ83mm*114.5mm,800g	ok				
			AF-S NIKKOR 70-200mm f/4G	Φ78*178.5mm,850g	ok(with some limitation)	lens is too long, when it is compatible with D5, the rotation angle is too small, so, it is not suggested to use D5 on A64000			
			AF-S DX 18-140mm f/3.5-5.6G ED VR	Φ78mm*97mm · 490g	ok				
		IKKOR prime lens	AF Nikkor 14mm f/2.8D ED	Φ87mm*86.5mm,670g	ok				
			AF-S NIKKOR 20mm f/1.8G ED	Φ82.5mm*80.5mm,355 g	ok				
			AF-S NIKKOR 24mm f/1.8G ED	Φ77.5mm*83mm,355g	ok				
			AF-S NIKKOR 24mm f/1.4G ED	Φ83mm*88.5mm,620g	ok				
			AF-S NIKKOR 50mm f/1.4	Φ63.5mm*40.6mm,246.4g	ok				
			AF-S NIKKOR 85mm f/1.4G	Φ86.2mm*84mm,595g	ok				
			AF-S NIKKOR 85mm f/1.8G	Φ80mm*73mm,350g	ok				
			AF-S VR 105mm f/2.8G IF-ED	Φ83 * 116mm · 790g	ok				
			Samyang 14mm Ultra Wide-Angle f/2.8 IF-ED	Φ 87mm* 96.1 mm · 552g	ok				
			Sigma	Sigma 24mm T1.5 prime lens	---	ok(with some limitation)	external power source, gimbal can work normally, if camera battery is installed inside of the camera, then gimbal can	NG	---