

Nov 12th, 2018

Compatible camera list with AK2000								
Camera	Mode	Lens	Lens mode	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	Φ70*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	Φ63*65.5mm, 225g	ok			
			Vario-Tessar T* E 16-70mm F4 ZA OSS	Φ66.6*75mm, 308g	ok			
			E 18-135mm F3.5-5.6 OSS	Φ67.8*88mm, 325g	ok			
			E PZ 18-105mm F4 G OSS	Φ78*110mm, 427g	ok			
			E PZ 18-200 F3.5-6.3 OSS	Φ93.2*99mm, 649g	ok			
		Sigma	20mm F1.4	90.7mm*129.8mm, 950g	ok	Please add some weight on gimbal if the lens is longer		
	A7 series (A7S II : 126.9×95.7×60.3mm, 584g)	Sony	FE 28mm F2	Φ64*60mm, 200g	ok		Taking pictures/ Shooting (zoomming in and zooming out can be controlled for α7R II, α7R III *2. All Sony cameras canngt 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	Φ78*82mm, 371g	ok			
			FE 50mm F1.8	Φ68.6*59.5mm, 186g	ok			
			Sonnar T* FE 35mm F2.8 ZA	Φ61.5*36.5mm, 120g	ok			
			Sonnar T* FE 55mm F1.8 ZA	Φ64.4*70.5mm, 281g	ok			
			Planar T* FE 50mm F1.4 ZA	Φ83.5*108mm, 778g	ok			
			FE 85mm F1.4 GM	Φ89.5×107.5 mm, 820g	ok			
			Distagon T* FE 35mm F1.4 ZA	Φ78.5*112mm, 630g	ok			
			FE 90mm F2.8 Micro G OSS	Φ79*130mm, 602g	ok			
			E 10-18mm F4 OSS	Φ70*63.5mm, 225g	ok			
			FE 28-70mm F3.5-5.6 OSS	Φ72.5*83mm, 295g	ok			
			Vario-Tessar T* FE 24-70mm F4 ZA OSS	Φ73*94.5mm, 426g	ok			
			Vario-Tessar T* FE 16-35mm F4 ZA OSS	Φ78*98.5mm, 518g	ok			
			E PZ 18-105mm F4 G OSS	Φ78*110mm, 427g	ok			
			FE 12-24mm F4 G	Φ87*117.4mm, 565g	ok			
	A9 series (126.9×95.6×63mm, 588g)	G series	FE 100mm F2.8 STF GM OSS	Φ85.2*118.1mm, 700g	ok			
			FE 16-35 mm F2.8 GM	Φ88.5*121.6mm, 680g	ok			
			FE 24-70mm F2.8 GM	Φ87.6*136mm, 886g	ok			
		Sony	FE 70-200mm F2.8 GM OSS	Φ88*200mm, 1480g	No	Please add some weight on gimbal if the lens is too long or too weight		
			FE 24-240mm F3.5-6.3 OSS	Φ80.5*118.5mm,780g	ok			
			FE 70-200mm F4 G OSS	Φ80 * 175, 840g	No	Please add some weight on gimbal if the lens is too long or too weight		
			FE 70-200mm F2.8 GM OSS	Φ88*200mm, 1480g	No	Please add some weight on gimbal if the lens is too long or too weight.		
			FE PZ 28-135mm F4 G OSS	Φ105mm*162.5mm, 1215g	No	Please add some weight on gimbal if the lens is too long or too weight.		
		Laowa	15mm F2.0	Φ77.2*82mm, 500g	ok			
		Helios	58mm F2.0	----	ok			
	PXW-F55	---	---	111.3×128.7×172.4mm (Exclude the camera ledge) , 830g	OK	---	No	---
	PXW-F57	---	---	156×239×247mm(Exclude the camera ledge). 2000g(camera only)	No	---	No	---
	PXW-Z90	---	---	---	No	---	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 ngt prime zooming.

Compatible camera list with AK2000

Camera	Mode	Lens	Lens mode	Lens size & weight	Compatible	Remark for compatible	Controlled	Remark for controlling
Canon	M50Kit		EF-M 15-45mm IS STM	kit 116.3×88.1×58.7mm, 390g	ok		Taking pictures/ Shooting /Follow focus/zoomming in and zooming out. *1/*2	---
	60D (144.5×105.8×78.6mm, 675g)	Cangn EF-S series	EF-S 10-18mm f/4.5-5.6 IS STM	Φ74.6*72mm, 240g	ok			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	Φ83.5*89.8mm, 385g	ok			
			EF-S 15-85mm f/3.5-5.6 IS USM	Φ81.6*87.5mm, 575g	ok			
	70D		EF-S 17-55mm f/2.8 IS USM	Φ83.5*110.6mm, 645g	ok			
			EF-S 18-55mm f/3.5-5.6 IS STM	Φ69.0*75.2mm, 205g	ok			
			EF-S 18-55mm f/3.5-5.6 IS II	Φ68.5*70mm,200g	ok			
	77D		EF-S 18-55mm f/4-5.6 IS STM	Φ66.5*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	Φ77.4*96mm, 515g	ok			
			EF-S 18-135mm f/3.5-5.6 IS STM	Φ76.6*96mm, 480g	ok			
	80D		EF-S 18-200mm f/3.5-5.6 IS	Φ78.6*102mm, 595g	ok			
			EF-S 55-250mm f/4-5.6 IS STM	Φ70*111.2mm, 375g	ok			
			EF-S 55-250mm f/4-5.6 IS II	Φ70*108mm, 390g	ok			
			EF-S 24mm f/2.8 STM	Φ68.2*22.8mm, 125g	ok			
			EF-S 35mm f/2.8 IS STM Micro	Φ69.2*55.8mm, 190g	ok			
			EF-S 60mm f/2.8 USM Micro	Φ73*69.8mm, 335g	ok			
	7D series	EF zoom lens	EF 8-15mm f/4L USM fish eye	Φ78.5*83mm, 540g	ok			Shooting can be controlled for the listed cameras with supplied Canon shutter release cable (Please check remarking video) :6D Mark II, 7D mark II, 5D Mark III/IV, 5DS/5DS, 1D MARK II
			EF 11-24mm f/4L USM	Φ108*132mm, 1180g	No	---		
			EF 16-35mm f/2.8L III USM	Φ88.5*127.5mm,790g	ok	With 5D Mark IV 204mm lens,please make sure the lens is horizontal		
			EF 16-35mm f/4L IS USM	Φ82.6*112.8mm, 615g	ok			
			EF 17-40mm f/4L USM	Φ83.5*96.8mm, 475g	ok			
			EF 24-70mm f/2.8L II USM	Φ88.5*113mm,805g	ok			
	5D series (5D Mark III:152×116.4×76.4mm, 950g)		EF 24-70mm f/4L IS USM	Φ83.4*93mm, 600g	ok			
			EF 24-105mm f/4L IS II USM	Φ83.5*118mm, 795g	ok			
			EF 24-105mm f/3.5-5.6 IS STM	Φ83.4*104mm, 525g	ok			
	5DS/SDSR (5DSR :152.0 x 116.4 x 76.4mm, 845g)		EF 28-300mm f/3.5-5.6L IS USM	Φ92*184mm, 1670g	No	---		
			EF 70-200mm f/2.8L IS III USM	Φ88.8*199mm, 1480g	ng	---		
		6D series	EF prime lens	EF 35mm f/1.4L II USM	Φ80.4*105.5mm,760g	ok		
	EF 50mm f/1.2L USM			Φ85.8*65.5mm,590g	ok			
	EF 85mm f/1.2L II USM			Φ91.5*84mm,1025g	ok			
	EF 85mm f/1.4L IS USM			Φ88.6*105.4mm, 950g	ok			
	EF 85mm f/1.8 USM			Φ75*71.5mm, 425g	ok			
	EF 100mm f/2.8L IS USM macro			Φ77.7mm*123mm,625g	ok			
	1D series 158.0×163.6×82.7mm (camera is too high, the tilting cannot be horizontal)	EF 135mm f/2L USM		82.5mm*112mm,750g	ok			
	EOS C200(144*153*179mm)/ C200B /144*146*137mm)/C300		EF-S 10-18mm f/4.5-5.6 IS STM	Φ74.6*72mm,240g	No	---	---	---

Remark:

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Panasonic	GH4	Panasonic prime Lens	H-NS043GK 42.5mm F1.2	Ø74mm*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.	Ø50mm*55mm, 130g	ok				
			Leica DG Summilux 12mm f/1.4 ASPH.	Ø62mm*70mm, 335g	ok	Good indoor shot and bokeh effect			
			H-X015GK 15mm F1.7	Ø57.5mm*36mm, 155g	ok				
			H-X025GK 25mm F1.4	Ø63mm*54.5mm, 200g	ok	Constant aperture,good indoor shot and bokeh effect			
		H-H025 25mm F1.7 ASPH.	Ø60.8mm*52mm, 125g	ok					
		Panasonic zoom lens	H-E08018GK 8-18mm F2.8-4.0	Ø73.4mm*88mm, 315g	ok	(8-18,12-60,50-200)			
			H-ES12060GK 12-60mm F2.8-4.0	Ø68.4*86 mm, 320g	ok				
			LEICA DG Vario-Elmarit 50-200mm F2.8-4.0 Asph.	Ø67*132mm, 655g	ng	lens is too long, please balance the camera from lens direction,or, can put some weight on gimbal for balancing.			
			H-HSA35100GK 35-100mm F2.8	Ø67.4mm*99.9mm, 357g	ok				
	H-HSA12035GK 12-35mm F2.8		Ø67.6mm*73.8mm, 305g	ok					
	GH5/GH5S (138.5*98.1*87.4mm, 725g)	Olympus	H-FS 14140GGK 14-140mm F3.5-F5.6	Ø67mm*75mm, 265g	ok	For outdoor usage, telephoto lens			
			H-F007014GK 7-14mm F4.0	Ø70mm*83.1mm, 300g	ok	wide-angle zoom lens ,Filter is not accentable			
			M.Zuiko Digital ED 45mm F1.8	Ø 56mm* 46mm, 116g	ok				
			M.ZUIKO DIGITAL ED 75mm f1.8	Ø64mm*69mm,305g	ok				
			M.ZUIKO DIGITAL ED 12mm f/2.0	Ø 56mm* 43mm, 130g	ok				
		Voigtlander	25mm f /1.2 PRO Zuiko	Ø 70mm*87 mm,410g	ok				
			M.ZD 7-14mm f/2.8 PRO	Ø 78.9mm*105.8mm,534g	ok				
			M.Zuiko Digital ED 12-40mm f/2.8 PRO	Ø69.9mm*84 mm,382 g	ok				
			ngkton 17.5mm f/0.95	Ø63.4 * 80 mm,540 g	ok				
			ngkton 25MM F0.95	Ø 58.4mm* 70.0mm, 410g	ok				
		LAOWA	ngkton 42.5mm f/0.95	Ø64.3MM*74.6mm, 571g	ok				
			LAOWA-Dreamer 7.5mm F2.0	Ø50MM*55mm, 163g	ok				

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Nikon	D5 (160*158.5*92mm) (Pitch cannot be balanced)	NIKKOR zoom lens	AF-S NIKKOR 14-24mm F2.8G ED	Φ98 mm* 131.5 mm, 1000 g	ng	lens is too long, please balance the camera from lens direction,or, can put some weight on gimbal for balancing.	The control result is not concluded now, we will update the data later	Standard package does not include its shutter cable
	D3 (159.5*157*87.5mm) (Pitch cannot be balanced)		AF-S NIKKOR16-35mm f/4G ED VR	Φ82.5mm*125mm,680 g	ng			
	D300 (147*114*74mm, 825g)		AF-S Zoom-Nikkor 17-35mm f/2.8D IF-ED	Φ82.5mm*106mm,745 g	ok			
	D300S		AF-S NIKKOR 18-35mm f/3.5-4.5G ED	Φ83mm*95mm,385 g	ok	lens is too long, please balance the camera from lens direction,or, can put some weight on gimbal for balancing.		
	D3S							
	D3X		AF-S NIKKOR 24-70mm F2.8G ED	Φ83mm*133mm,900 g	ng			
	D4							
	D4S		AF-S NIKKOR 24-70mm f/2.8E ED VR	Φ88mm*154.5mm,1070 g	ng			
	D500 (147.0*115.0*81.0 mm, 860g)							
	D5000		AF Zoom-NIKKOR 24-85mm f/2.8-4D IF	Φ78mm*82.5mm,545 g	ok			
	D5100		AF-S NIKKOR 24-85mm f/3.5-4.5G ED VR	Φ78mm*82mm,465g	ok			
	D5300		AF-S NIKKOR 24-120mm f/4G ED VR	Φ84mm*103mm,710g	ok			
	D5500		AF-S NIKKOR 28-300mm f/3.5-5.6G ED VR	Φ83mm*114.5mm,800g	ok			
	D5600							
	D600							
	D610							
	D700							
	D7000	AF-S NIKKOR 70-200mm f/4G	Φ78*178.5mm,850g	ng	lens is too long, please balance the camera from lens direction,or, can put some weight on gimbal for balancing.			
	D7100	AF-S DX 尼克尔 18-140mm f/3.5-5.6G ED VR	Φ78mm*97mm, 490g	ok				
	D7200 (135.5*106.5*76mm,765g)	NIKKOR prime lens	AF Nikkor 14mm f/2.8D ED	Φ87mm*86.5mm,670g	ok			
	D7500 (135.5*104*72.5mm,720g)		AF-S NIKKOR 20mm f/1.8G ED	Φ82.5mm*80.5mm,355 g	ok			
	D750 (140.5*113*78mm,840g)		AF-S NIKKOR 24mm f/1.8G ED	Φ77.5mm*83mm,355g	ok			
	D800 (146*123*81.5mm,900g)		AF-S NIKKOR 24mm f/1.4G ED	Φ83mm*88.5mm,620g	ok			
	D810 (146*123*81.5mm,980g)		AF-S NIKKOR 50mm f/1.4	Φ63.5mm*40.6mm,246.4g	ok			
	D850 (146*124*78.5mm,1005g)		AF-S NIKKOR 85mm f/1.4G	Φ86.2mm*84mm,595g	ok			
	D90 (132*103*77mm,620g)		AF-S NIKKOR 85mm f/1.8G	Φ80mm*73mm,350g	ok			
			AF-S VR 105mm f/2.8G IF-ED	Φ83 * 116mm, 790g	ok			
	DF (143.5*110*66.5mm,765g)		SANYO prime lens	Samyang 14mm Ultra Wide-Angle f/2.8 IF ED	Φ 87mm* 96.1 mm, 552g	ok		
RED	Camera RAVEN , weights 1130g (camera body , with side card slot and Canon Lens mount)	Sigma	Sigma 24mm T1.5 prime lens	---	ng		---	---

Remark: