

List of recommended cameras by SWAROVSKI OPTIK

A list of digital cameras which can be used in conjunction with SWAROVSKI OPTIK's ATX/STX and ATS HD/STS HD telescopes and the SWAROVSKI OPTIK digital camera adapters TLS APO, DCB II or TLS 800. For ATS HD/STS HD telescopes we recommend the use of 25-50x W eyepiece.

When using TLS APO or TLS 800 a T2 Adapter is necessary (T2 Adapter for Nikon, Canon and Sony DSLRs and for Micro 4/3 bayonet joint is available from SWAROVSKI OPTIK).

Compact cameras

Canon	Year	ATX / STX		ATS HD / STS HD			Remarks
		TLS APO	DCB II	TLS APO	DCB II	TLS 800	
PowerShot S120	2013		xx		xx		5 times Zoom, successor to S100
PowerShot S200	2014		xx		xx		5 times Zoom, HD Videos 720p, image stabilizer, Wi-Fi (share images wirelessly, no remote control)
PowerShot G1x II	2014	DOES NOT WORK!!!					5 times Zoom, High End Compact Camera
Models of PowerShot G series		DO NOT WORK!!!					High End Compact Cameras

Nikon	Year	ATX / STX		ATS HD / STS HD			Remarks
		TLS APO	DCB II	TLS APO	DCB II	TLS 800	
P330	2013		xx		xx		Good Sensor and high quality lenses, HD Video, easy menu (wheel); Wi-Fi
P340	2014		xx		xx		Good Sensor and high quality lenses, 5 times Zoom, full HD 1080p Video, Wi-Fi
AW130	2015		x		x		5 times Zoom, waterproof, Wi-Fi, GPS

Sony	Year	ATX / STX		ATS HD / STS HD			Remarks
		TLS APO	DCB II	TLS APO	DCB II	TLS 800	
DSC-W710	2013		x		x		5 times Zoom, 16,1mp
DSC-TX30	2013		x		x		5 times Zoom, 18,2mp
DSC-RX100 III	2014		x		x		2,9 times Zoom

Fujifilm	Year	ATX / STX		ATS HD / STS HD			Remarks
		TLS APO	DCB II	TLS APO	DCB II	TLS 800	
XQ2	2015		xx		xx		4 times Zoom

Olympus	Year	ATX / STX		ATS HD / STS HD			Remarks
		TLS APO	DCB II	TLS APO	DCB II	TLS 800	
Tough TG-3	2014		x		x		4 times Zoom, 16mp, GPS module, waterproof

Ricoh	Year	ATX / STX		ATS HD / STS HD			Remarks
		TLS APO	DCB II	TLS APO	DCB II	TLS 800	
WG-5	2015		x		x		4 times Zoom, GPS, waterproof and shockproof

DSLR Cameras for TLS APO or TLS 800 (T2 Adapter for Nikon, Canon and Sony DSLRs and for Micro 4/3 bayonet joint is available from SWAROVSKI OPTIK)

Nikon		Year	ATX / STX		ATS HD / STS HD			Remarks
			TLS APO	DCB II	TLS APO	DCB II	TLS 800	
APS/C Format	D3200	2013	x		x		x	24,2mp, Crop factor 1,5
	D5300	2013	x		x		x	Live View, good Quality at reasonable price, good Kid Offers, moveable display, Crop factor 1,5
	D7100	2013	xx		xx		xx	High ISO, very good APS-C Sensor, Crop factor 1,5
	D5500	2015	x		x		x	High ISO, very good APS-C Sensor, Crop factor 1,5

Full Format (vignetting with TLS APO)	D600	2013	x (DX)		x (DX)		x	full format camera, changeable from FX to DX - on board (DX=APS-C)
	D610	2013	x (DX)		x (DX)		x	full format camera, changeable from FX to DX - on board (DX=APS-C)
	D4s	2014	x (DX)		x (DX)		x	full format camera, changeable from FX to DX - on board (DX=APS-C)
	D750	2014	x (DX)		x (DX)		x	full format camera, changeable from FX to DX - on board (DX=APS-C)
	D810 series	2014/15	xx (DX)		xx (DX)		xx	full format camera, changeable from FX to DX - on board (DX=APS-C)

Canon		Year	ATX / STX		ATS HD / STS HD			Remarks
			TLS APO	DCB II	TLS APO	DCB II	TLS 800	
APS/C Format	EOS 100D	2013	x		x		x	touch screen, crop factor 1,6
	EOS 700D	2013	x		x		x	vari angle touch screen, crop factor 1,6
	EOS 70D	2013	xx		xx		xx	vari angle touch screen, crop factor 1,6, Wi-Fi
	EOS 7D II	2014	xx		xx		xx	crop factor 1,6, full HD-videos, no touch screen
	EOS 750D	2015	x		x		x	successor to EOS 700D, crop factor 1,6, moveable display
	EOS 760D	2015	x		x		x	successor to EOS 700D, crop factor 1,6, moveable display

Full Format (vignetting with TLS APO)	EOS 1D X	2012	x		x		xx	full ormat, 12 frames/sec. (vignetting elimination in postprocessing)
	EOS 5D Mark III	2012	x		x		xx	22,3mp full format (vignetting elimination in postprocessing)
	EOS 6D	2013	x		x		xx	Wi-Fi file transfer and remote control, GPS records your location (vignetting elimination in postprocess.)
	EOS 5DS	2015	x		x		xx	50mp full format (vignetting elimination in postprocessing)

Sony SLT		Year	ATX / STX		ATS HD / STS HD			Remarks
			TLS APO	DCB II	TLS APO	DCB II	TLS 800	
	SLT-A77 II	2014	x		x		x	APS-C Sensor, 24,3mp, Live View

System Cameras (Hybrid) with 25-50x W Eyepiece

Panasonic	Year	ATX / STX		ATS HD / STS HD			Remarks
		TLS APO	DCB II	TLS APO	DCB II	TLS 800	
		* all systems used with DCB and DCB II are recommended with a 20mm pancake lens or 14-42mm (GX Vario) aspherical lens					
G5	2012	xx	xx	xx	xx	xx	fast autofocus, easy menu, touch screen, electronic viewfinder, full HD Videos, remote control
GF5	2012	xx	xx	xx	xx	xx	fast autofocus, easy menu, touch screen, full HD Videos - successor to GF3 (no electronic view finder)
GX1	2012	xx	xx	xx	xx	xx	fast autofocus, easy menu, touch screen, full HD Videos, remote-control release, positioned between G3 and GF 3
GX7	2013	xx	xx	xx	xx	xx	focus peaking, IS-sensor, Wi-Fi
GH5	2013	xx	xx	xx	xx	xx	fast autofocus, easy menu, touch screen, electronic viewfinder, full HD Videos, Wi-Fi
G6	2013	xx	xx	xx	xx	xx	fast autofocus, easy menu, touch screen, electronic viewfinder, full HD Videos, remote control
GH4	2014	xx	xx	xx	xx	xx	fast autofocus, easy menu, touch screen, electronic viewfinder, remote control, 4k videos, Wi-Fi
GM5	2014	xx	xx	xx	xx	xx	compact, fast autofocus, easy menu, touch screen, electronic viewfinder, remote control, Wi-Fi
GF7	2015	xx	xx	xx	xx	xx	fast autofocus, easy menu, touch screen, electronic viewfinder, remote control, Wi-Fi

Olympus	Year	ATX / STX		ATS HD / STS HD			Remarks
		TLS APO	DCB II	TLS APO	DCB II	TLS 800	
		* all systems used with DCB and DCB II are recommended with a 20mm pancake lens or 14-42mm (GX Vario) aspherical lens					
OM-D E-M5	2012	xx	x	xx	x	x	electronic viewfinder, fast autofocus, moveable OLED touch screen, IS-sensor, 5-axes image stabilizer
OM-D E-M1	2013	xx	x	xx	x	x	IS-sensor, 5-axes image stabilizer, Wi-Fi
Pen E-P5	2013	x	x	x	x	x	OLED display with fast touch auto focus, HD Videos
Pen EP L 5	2013	x	x	x	x	x	L stands for light, LCD Touch Screen, moveable up and down
OM-D E-M10	2014	x	x	x	x	x	electronic viewfinder, 3-axes image stabilizer, Wi-Fi
OM-D E-M5 II	2015	xx	xx	xx	xx	x	electronic viewfinder, fast autofocus, moveable touch screen, 5-axes image stabilizer, Wi-Fi

Sony	Year	ATX / STX		ATS HD / STS HD			Remarks
		TLS APO	DCB II	TLS APO	DCB II	TLS 800	
Alpha 7	2013	x		x		x	Full-format camera (Sony E-mount) with crop-on function - T2 Adapter for E-mount required. Full HD video, Wi-Fi with NFC
Alpha 7R	2013	x		x		x	Full-format camera (Sony E-mount) with crop-on function - T2 Adapter for E-mount required. Full HD video, Wi-Fi with NFC
Alpha 7 II	2014	x		x		x	Full-format camera (Sony E-mount) with crop-on function - T2 Adapter for E-mount required, 5-axes image stabilizer. Full HD video, Wi-Fi with NFC
Alpha 7S	2014	x		x		x	Full-format camera (Sony E-mount) with crop-on function - T2 Adapter for E-mount required. 4k videos, Wi-Fi with NFC
Alpha 5000	2014	xx		xx		xx	successor to NEX-3, APS-C sensor, T2 Adapter for E-mount required, Wi-Fi & NFC
Alpha 5100	2014	xx		xx		xx	successor to NEX-5T, APS-C sensor, T2 Adapter for E-mount required, Wi-Fi & NFC
Alpha 6000	2014	xx		xx		xx	successor to NEX-6, APS-C sensor, T2 Adapter for E-mount required, Wi-Fi & NFC

Samsung		Year	ATX / STX		ATS HD / STS HD			Remarks
			TLS APO	DCB II	TLS APO	DCB II	TLS 800	
	NX1	2014	x		x		x	APS-C Sensor, touch screen, electronic view finder, Wi-Fi - T2 Adapter for NX mount required
	NX3000	2014	x		x		x	APS-C Sensor, touch screen, movable display, Wi-Fi - T2 Adapter for NX mount required
	NX300M	2014	x		x		x	APS-C Sensor, touch screen, movable display, Wi-Fi - T2 Adapter for NX mount required

Fujifilm		Year	ATX / STX		ATS HD / STS HD			Remarks
			TLS APO	DCB II	TLS APO	DCB II	TLS 800	
	X-T1	2014	xx		xx		xx	APS-C sensor, electronic view finder, Wi-Fi - T2 Adapter for Fuji X mount required

Canon		Year	ATX / STX		ATS HD / STS HD			Remarks
			TLS APO	DCB II	TLS APO	DCB II	TLS 800	
	EOS-M 3	2015	x		x		x	crop factor 1,6, APS-C, T2 Adapter for EF-M bajonett required

x	recommended
xx	highly recommended

DCB II	Digital Camera Base - 2 nd Generation
TLS APO	Tele Lens System for all Telescopes
TLS 800	Tele Lens System