

Clifton Cameras Product Specification

Profoto A2 Full Spec

Overview	
Product	Profoto A2
Regulatory model	PCA1564
Flash	
Max energy	100 Ws
Max energy range	10 f-stops (0.1-100 Ws)
Energy control increments	0.1 f-stops
Recycling time	0.1-1.6s
Flash to flash stability	<0.1 f-stop @10-2.0
Flash modes	-
Flash duration t0.1	1/350 s (100 Ws) - 1/26,000 s (0.1 Ws)
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Flash duration t0.5	1/1200 s (100 Ws) - 1/ 56,000 s (0.1 Ws)
	-
Color temperature	5800 K +-100 K
Max f-stop @ 2m / 100 ISO	8.0 5/10 without reflector
Beam angle	62°
Field angle	105°
Continuous light	
Lamp type	LED
Max power	2.1 W
Dimming range	100-10%
Color temperature	3500 K
Color rendering Index (CRI)	>80
Max luminous flux (lumen)	200 lm
Max illuminance @ 1m (lux)	180 lx
Beam angle	43°
Field angle	74°
Wireless connectivity	
Built-in connectivity	Profoto AirX
Frequency band	2.4 GHz
Supported Profoto Air functions	Sync, TTL, HSS, Remote control (Air 1 and Air 2)
No of Air channels	100 (1-100)
No of groups per Air channel	6 (A-F)
Supported apps for Bluetooth devices	Profoto Camera and Profoto Control apps
Wireless operating range	With Profoto remotes: 0.5 - 100 m (1.5- 330 ft)*
	With Bluetooth devices: 0.1- 30 m (0.3-90 ft)
	* in optimal conditions up to 300 m (1000 ft)
Connectors	
Sync	-
Other	USB-C
Powering	

Power supply	Profoto A-series battery Mk II
Mains fuse requirement	-
Battery capacity	Up to 400 full power flashes
Battery charger	A-series battery charger
Battery charging time	<2 hours
Other	
Firmware update	Via Bluetooth
Photocell/IR-slave	Yes
Stand adapter	Yes (detachable)
Umbrella mount	Yes (in stand adapter)
Operating temperature	0 °C to +35 °C
	+32 °F to +95 °F
Storage temperature	Store in normal indoor conditions
Measurements	
Width	7.9 cm (3.11 in)
Length	12.6 cm (4.96 in)
Height	7.9 cm (3.11 in)
Weight	495 g / 17.46 oz without battery and stand adapter
	773 g / 27.27 lb with battery and stand adapter