Nikon

CLS-Compatible Flash Units

The following features are available with CLS-compatible flash units:

			SB-5000	SB-800	SB-900, SB-910	SB-700	SB-600	SB-500	SU-800	SB-R200	SB-400	SB-300
Single flash	i-TTL	i-TTL balanced fill-flash for digital SLR [1]	✔	✔	✔	✔	✔	✔	—	—	✔	✔
		Standard i-TTL fill-flash for digital SLR	✔[2]	✔[2]	✔	✔[2]	✔	✔	—	—	✔	✔
	⊛A	Auto aperture	✔	✔[3]	—	—	—	—	—	—	—	—
	A	Non-TTL auto	—[4]	✔[3]	—	—	—	—	—	—	—	—
	GN	Distance-priority manual	✔	✔	✔	—	—	—	—	—	—	—
	M	Manual	✔	✔	✔	✔	✔	✔[5]	—	—	✔[5]	✔[5]
	RPT	Repeating flash	✔	✔	—	—	—	—	—	—	—	—
Optical Advanced Wireless Lighting — Master		Remote flash control	✔	✔	✔	—	—	✔[5]	✔	—	—	—
	i-TTL	i-TTL	✔	✔	✔	—	—	✔[5]	✔	—	—	—
	[A:B]	Quick wireless flash control	✔	—	✔	—	—	—	✔[6]	—	—	—
	⊛A	Auto aperture	✔	✔	—	—	—	—	—	—	—	—
	A	Non-TTL auto	—	—[7]	—	—	—	—	—	—	—	—
	M	Manual	✔	✔	✔	—	—	✔[5]	—	—	—	—
	RPT	Repeating flash	✔	✔	—	—	—	—	—	—	—	—
Optical Advanced Wireless Lighting — Remote	i-TTL	i-TTL	✔	✔	✔	✔	✔	✔	—	✔	—	—
	[A:B]	Quick wireless flash control	✔	✔	✔	✔	✔	✔	—	✔	—	—
	⊛A/A	Auto aperture/Non-TTL auto	✔[8]	✔[8]	—	—	—	—	—	—	—	—
	M	Manual	✔	✔	✔	✔	✔	✔	—	✔	—	—
	RPT	Repeating flash	✔	✔	✔	✔	✔	✔	—	✔	—	—
Radio-controlled Advanced Wireless Lighting			✔[9]	—	—	—	—	—	—	—	—	—
Color Information Communication (flash)			✔	✔	✔	✔	✔	✔	—	—	✔	✔
Color Information Communication (LED light)			—	—	—	—	—	✔	—	—	—	—
Auto FP High-Speed Sync [10]			✔	✔	✔	✔	✔	✔	✔	✔	—	—
FV lock [11]			✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
AF-assist for multi-area AF			✔	✔	✔	✔	—	—	✔[12]	—	—	—
Red-eye reduction			✔	✔	✔	✔	✔	✔	—	—	✔	—
Camera modeling illumination			✔	✔	✔	✔	✔	✔	✔	✔	—	—
Unified flash control			✔	—	—	—	—	✔	—	—	✔	✔
Camera flash unit firmware update			✔	—	✔[13]	—	—	✔	—	—	—	✔

1 Not available with spot metering.
2 Can also be selected with flash unit.
3 ⊛A/A mode selection performed on flash unit using custom settings. Unless lens data have been provided using the **Non-CPU lens data** option in the setup menu, "A" will be selected when a non-CPU lens is used.
4 Unless lens data have been provided using the **Non-CPU lens data** option in the setup menu, non-TTL auto will be selected when a non-CPU lens is used.
5 Can only be selected using camera **Flash control** option.
6 Available only during close-up photography.
7 Unless lens data have been provided using the **Non-CPU lens data** option in the setup menu, non-TTL auto (A) is used with non-CPU lenses, regardless of mode selected with flash unit.
8 Choice of ⊛A and A depends on the option selected with master flash.
9 Supports the same features as remote flash units with optical AWL.
10 Available only in i-TTL, ⊛A, A, GN, and M flash-control modes.
11 Available only in i-TTL flash control mode or when flash is set to emit monitor pre-flashes in ⊛A or A flash control mode.
12 Available only in commander mode.
13 Firmware updates for the SB-910 and SB-900 can be performed from the camera.