

Clifton Cameras Product Specification

Type	Auto electronic flash (clip-on type) with pre-flash metering
Shoe type	Multi Interface Shoe.
Maximum Guide number	60 (Flash coverage setting 200 mm/STD flash distribution, ISO100 · m)
Flash coverage	AUTO/MANUAL(20 mm-200 mm)Angle of view at 14 mm focal length is also covered with the wide panel
Flash mode	TTL/MANUAL/MULTI
Flash duration (Approx.)	Within 2.8 ms(1/1 MANUAL)
Color temperature (Approx.)	5500 K
Recycle time (Approx.)*1	0.1-2.5 seconds(Alkaline battery)/0.1-1.7 seconds(Ni-MH battery)
Number of flashes (Approx.)*2	More than 160 times(Alkaline battery)/More than 240 times(Ni-MH battery)
Continuous flash performance	200 flashes at 10 flashes per second *3
Bounce flash	Yes
Bounce angle	Up 150deg (0deg/30deg/45deg/60deg/75deg/90deg/120deg/150deg) Down 8deg Left and right 90deg (0deg/30deg/45deg/60deg/90deg)
Test flash	Yes
Flash control	Flash control using pre-flash (P-TTL/ADI)
Flash compensation	Yes *4
Power Level switching	25 levels(1/1-1/256) 1/3 steps
High-speed sync (HSS)	Yes
Modeling flash	Yes
Built-in wide panel	Yes(14 mm)
Built-in bounce sheet	Yes
AF illuminator	-
Operating range (Approx.)	-
Radio control wireless flash	Yes(commander/receiver) *5
Frequencies	2.4 GHz band
Channels	14 Channels(Auto/manual)
Communication distance (Approx.)*6	30 m *7



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Groups	3 groups(TTL/MANUAL),5 groups(group flash photography)
Maximum Flash units	15 units
Lighting ratio control	3 groups(TTL)
Optical control wireless flash	-
Channels	-
Communication distance (Approx.)*6	-
Groups	-
Lighting ratio control	-
Center luminance intensity (Approx.)	-
Lighting distance (Approx.)	-
Focal length supported	-
Continuous lighting time (Approx.)	-
Color temperature (Approx.)	-
Power Level switching	-
Auto zoom control optimized for image sensor size	Yes *8
Flash distribution setting	Yes
Auto WB adjustment	Yes *8
Custom key settings	Yes
Memory settings	Yes
Remote release	Yes
LCD panel	Yes(Dot matrix)
Charge progress indicator	-
Sync terminal	Yes(IN/OUT)
Multi/Micro USB terminal	Yes
Power source	Four AA-size alkaline or Ni-MH batteries
External Battery Adaptor	YES
Dimension (Approx.)	W 78.1 mm X H 143.1 mm X D 104.6 mm (3 1/8 inches x 5 3/4 inches x 4 1/8inches)
Weight (Approx.)	439 g (15.5 oz) (only main unit)



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Material	PC+ABS
Color	Black
Operating Temperature	0°C to +40°C (32°F to 104°F)
Storage Temperature	-20°C to 55°C (-4°F to 131°F)
Dust and moisture resistant design*9	Yes
Name / Model (Count)	Connector protect cap(1)
Name / Model (Count)	Mini-stand(1)
Name / Model (Count)	Case(1)
Name / Model (Count)	Bounce adaptor (1)
Name / Model (Count)	Color filter (amber) (1)
Name / Model (Count)	Color filter (green) (1)
Name / Model (Count)	Carrying pouch (1)
Form	Separate
Language	Japanese
Language	English
Language	French
Language	Spanish
Language	Simplified Chinese
Language	Traditional Chinese
Language	Korean
Language	Arabic
Language	German
Language	Dutch
Language	Swedish
Language	Italian
Language	Portuguese
Language	Greek
Language	Polish
Language	Slovak
Language	Hungarian



Language	Romanian
Language	Danish
Language	Czech
Language	Finnish
Language	Ukrainian
Language	Russian
Warranty	Provided
Form	Color carton
Hook Attachment	No