

## Clifton Cameras Product Specification

<b>Type</b>	Auto electronic flash (clip-on type) with pre-flash metering
<b>Shoe type</b>	Multi Interface Shoe.
<b>Maximum Guide number</b>	46 (Flash coverage setting 105 mm/STD flash distribution,ISO100 · m)
<b>Flash coverage</b>	AUTO/MANUAL(24 mm-105 mm)Angle of view of at 15 mm focal length is also covered with the wide panel
<b>Flash mode</b>	TTL/MANUAL/MULTI
<b>Flash duration (Approx.)</b>	Within 1.7 ms(1/1 MANUAL)
<b>Color temperature (Approx.)</b>	5500 K
<b>Recycle time (Approx.)*1</b>	0.1-2.5 seconds(Alkaline battery)/0.1-2.0 seconds(Ni-MH battery)
<b>Number of flashes (Approx.)*2</b>	More than 240 times(Alkaline battery)/More than 320 times(Ni-MH battery)
<b>Continuous flash performance</b>	60 flashes at 10 flashes per second *3
<b>Bounce flash</b>	Yes
<b>Bounce angle</b>	Up 150deg (0deg/30deg/45deg/60deg/75deg/90deg/120deg/150deg) Down 8deg Left and right 180deg (0deg/30deg/45deg/60deg/75deg/90deg/120deg/150deg/180deg)
<b>Test flash</b>	Yes
<b>Flash control</b>	Flash control using pre-flash (P-TTL/ADI)
<b>Flash compensation</b>	Yes *4
<b>Power Level switching</b>	25 levels(1/1-1/256) 1/3 steps
<b>High-speed sync (HSS)</b>	Yes
<b>Modeling flash</b>	Yes
<b>Built-in wide panel</b>	Yes(15 mm)
<b>Built-in bounce sheet</b>	Yes
<b>AF illuminator</b>	-
<b>Operating range (Approx.)</b>	-
<b>Radio control wireless flash</b>	Yes(commander/receiver) *5
<b>Frequencies</b>	2.4 GHz band
<b>Channels</b>	14 Channels(Auto/manual)
<b>Communication distance (Approx.)*6</b>	30 m *7

<b>Groups</b>	3 groups(TTL/MANUAL),5 groups(group flash photography)
<b>Maximum Flash units</b>	15 units
<b>Lighting ratio control</b>	3 groups(TTL)
<b>Optical control wireless flash</b>	-
<b>Channels</b>	-
<b>Communication distance (Approx.)*6</b>	-
<b>Groups</b>	-
<b>Lighting ratio control</b>	-
<b>Center luminance intensity (Approx.)</b>	-
<b>Lighting distance (Approx.)</b>	-
<b>Focal length supported</b>	-
<b>Continuous lighting time (Approx.)</b>	-
<b>Color temperature (Approx.)</b>	-
<b>Power Level switching</b>	-
<b>Auto zoom control optimized for image sensor size</b>	Yes *8
<b>Flash distribution setting</b>	Yes
<b>Auto WB adjustment</b>	Yes *8
<b>Custom key settings</b>	Yes
<b>Memory settings</b>	Yes
<b>Remote release</b>	-
<b>LCD panel</b>	Yes(Dot matrix)
<b>Charge progress indicator</b>	-
<b>Sync terminal</b>	-
<b>Multi/Micro USB terminal</b>	Yes
<b>Power source</b>	Four AA-size alkaline or Ni-MH batteries
<b>External Battery Adaptor</b>	-
<b>Dimension (Approx.)</b>	W 69.4 mm X H 114.7 mm X D 88.9 mm (2 3/4 inches x 4 5/8 inches x 3 1/2 inches)
<b>Weight (Approx.)</b>	308 g (10.9 oz) (only main unit)
<b>Material</b>	PC+ABS

<b>Color</b>	Black
<b>Operating Temperature</b>	0°C to +40°C (32°F to 104°F)
<b>Storage Temperature</b>	-20°C to 55°C (-4°F to 131°F)
<b>Dust and moisture resistant design*9</b>	Yes
<b>Name / Model (Count)</b>	Connector protect cap(1)
<b>Name / Model (Count)</b>	Mini-stand(1)
<b>Name / Model (Count)</b>	Carrying case(1)
<b>Form</b>	Separate
<b>Language</b>	Japanese
<b>Language</b>	English
<b>Language</b>	French
<b>Language</b>	Spanish
<b>Language</b>	Simplified Chinese
<b>Language</b>	Traditional Chinese
<b>Language</b>	Korean
<b>Language</b>	Arabic
<b>Language</b>	German
<b>Language</b>	Dutch
<b>Language</b>	Swedish
<b>Language</b>	Italian
<b>Language</b>	Portuguese
<b>Language</b>	Greek
<b>Language</b>	Polish
<b>Language</b>	Slovak
<b>Language</b>	Hungarian
<b>Language</b>	Romanian
<b>Language</b>	Danish
<b>Language</b>	Czech
<b>Language</b>	Finnish
<b>Language</b>	Ukrainian



<b>Language</b>	Russian
<b>Warranty</b>	Provided
<b>Form</b>	Color carton
<b>Hook Attachment</b>	No