

	Model Name	Flash
	Year of Launch	2021
Type	Type	Auto electronic flash (clip-on type) with pre-flash metering
	Shoe type	Multi Interface Shoe.
Flash	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
	<u>Recycle time (Approx.) *1</u>	0.1-2.5 seconds(Alkaline battery)/0.1-1.7 seconds(Ni-MH battery)
	<u>Number of flashes (Approx.) *2</u>	More than 160 times(Alkaline battery)/More than 240 times(Ni-MH battery)
	Continuous flash performance	<u>200 flashes at 10 flashes per second *3</u>
	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	<u>Yes *4</u>
	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	AF illuminator
Operating range (Approx.)		-
Radio control wireless function	Radio control wireless flash	<u>Yes(commander/receiver) *5</u>
	Frequencies	2.4 GHz band
	Channels	14 Channels(Auto/manual)
	<u>Communication distance (Approx.) *6</u>	<u>30 m *7</u>
	Groups	3 groups(TTL/MANUAL),5 groups(group flash photography)
	Maximum Flash units	15 units
	Lighting ratio control	3 groups(TTL)
Optical control wireless function	Optical control wireless flash	-
	Channels	-
	<u>Communication distance (Approx.) *6</u>	-
	Groups	-
	Lighting ratio control	-
LED light function	Center luminance intensity (Approx.)	-
	Lighting distance (Approx.)	-

	Focal length supported	-
	Continuous lighting time (Approx.)	-
	Color temperature (Approx.)	-
	Power Level switching	-
Other functions	Auto zoom control optimized for image sensor size	<u>Yes *8</u>
	Flash distribution setting	Yes
	Auto WB adjustment	<u>Yes *8</u>
	Custom key settings	Yes
	Memory settings	Yes
	Remote release	Yes
Display	LCD panel	Yes(Dot matrix)
	Charge progress indicator	-
External connectors	Sync terminal	Yes(IN/OUT)
	Multi/Micro USB terminal	Yes
Power source	Power source	Four AA-size alkaline or Ni-MH batteries
	External Battery Adaptor	YES
Basic Information	Dimension (Approx.)	W 78.1 mm X H 143.1 mm X D 104.6 mm (3 1/8 inches × 5 3/4 inches × 4 1/8inches)
	Weight (Approx.)	439 g (15.5 oz) (only main unit)
	Material	PC+ABS
	Color	Black
	Operating Temperature	0 to +40 (32°F to 104°F)
	Storage Temperature	-20 to 55 (-4°F to 131°F)
	<u>Dust and moisture resistant design *9</u>	Yes
<u>Supplied Accessory *10</u>	Name / Model (Count)	Connector protect cap(1)
		Mini-stand(1)
		Case(1)
		Bounce adaptor (1)
		Color filter (amber) (1)
		Color filter (green) (1)
		Carrying pouch (1)
Operating Instruction	Form	Separate
	Language	Japanese
		English
		French
		Spanish
		Simplified Chinese
		Traditional Chinese
		Korean
		Arabic
	Warranty	Provided
Package	Form	Color carton
	Hook Attachment	No

*1

The recycle time is the fastest time from when the flash is emitted until the TEST button lights up.(Sony test conditions)

- *2 The number of flashes is the number of times that maximum light output can be emitted once in 30 sec.(Sony test conditions)
- *3 Normal flash, power level 1/32, 105mm, Ni-MH battery.
- *4 Depending on the camera,this function is not available.For details,see product information page.<https://support.d-imaging.sony.co.jp/www/cscs/accessories/>
- *5 Requires Radio Control Wireless Flash(sold separately) or Wireless Radio Receiver FA-WRR1(sold separately) or Wireless Radio Commander FA-WRC1M(sold separately).
- *6 May vary according to conditions.
- *7 SONY test conditions
- *8 Except DSLR-A100.
- *9 Not guaranteed to be 100% dust and moisture proof.
- *10 Warranty and Operating Instruction are excluded.