

TECHNICAL SPECIFICATIONS

SPEEDLITE EL-1

POWER

Guide No. (ISO100).meters 60 (200mm)

ZOOM

Zoom head Auto/Manual
Focal length coverage 24 - 200mm
Coverage with wide panel 14mm
Auto zoom for sensor size Yes

FLASH MODES

Auto exposure control E-TTL II/E-TTL
High speed sync (FP) Yes
Manual/output settings Yes - 1/1 to 1/8192¹
Manual steps 1/3 - stops
Continuous shooting priority (CP) mode Yes
Continuous flashes in a burst Maximum at full power: Approx.170²
Strobe/output settings Yes - 1/4 - 1/8192 (1/128 for optical transmission)
Stroboscopic frequency 1 - 500Hz (199Hz using optical receiver function)

FLASH-RELATED FUNCTION

FE lock Yes
FE memory Yes
Flash exposure compensation ±3 stops
Flash exposure bracketing ±3 stops
Second-curtain flash sync Yes³
Modelling flash Yes
Modelling lamp 2 x LED (duration, brightness and colour temperature user selectable)

Colour temperature info communication

Yes

WIRELESS FLASH

Transmitter Yes
Transmission type Optical / Radio
Transmitter range Indoors: 0.7-15m/30m (approx.)⁴
(Optical/Radio) Outdoors: 0.7-10m/30m (approx.)⁴
Receiver Yes
Max. number of Transmitters/ Receivers Optical: Unlimited / Unlimited
Radio: 15/15 (16 in total of any combination)
No. of groups (Optical/Radio) 3 (A/B/C) / 5 (A/B/C/D/E)
No. of channels 4 / Auto, 15
(Optical/Radio)
Remote Shutter Release Yes

FLASH HEAD MOVEMENT

Up 45, 60, 75, 90, 120 °
Down 7 °
Left 60, 75, 90, 120, 150 and 180 °
Right 60, 75, 90, 120, 150 and 180 °

AF ASSIST

AF-assist beam Yes
Number of AF points supported 1-191
AF-assist beam type Infra-red / Emitting small series of flashes

POWER SOURCE

Battery 1 x Rechargeable Lithium-ion Battery
Battery level indicator Yes⁵ - 5 levels / percentage
Minimum recycling time Approx. 0.1 - 0.9 sec^{6,7}
No. of flashes (fully charge battery) Approx. 335 (at full power) to 2345⁷
External power supply Yes - optional Compact Battery Pack CP-E4N⁷

CONSTRUCTION

Dust and water resistance Yes
Active cooling Yes - internal fan
Mounting foot material Metal

MISC.

Custom function 14 (9 personal functions)
Flash settings from camera Yes⁸
menus Yes
External flash exposure sensor Yes
PC terminal Yes

ACCESSORIES

Included Battery Pack LP-EL
Battery Charger LC-E6E
Speedlites Case
Mini Stand
Bounce Adapter SBA-EL
Colour Filter SCF-ELOR1
Colour Filter SCF-ELOR2
Optional Speedlite Transmitter ST-E3-RT (radio)
Speedlite Transmitter ST-E2 (optical)
EX series Speedlites with receiver function
Compact Battery Pack CP-E4N
Battery Magazine CPM-E4 (for use with CP-E4N)
Off-Camera Shoe Cord OC-E3

DIMENSIONS & WEIGHT

Size (W x H x D), mm 84.4 x 149.0 x 136.4 mm
Weight, grams 572g (body only)
687g (body + battery)

Footnotes

- (1) Minimum flash output is 1/128 for high-speed sync or optical wireless transmission.
(2) At 23 degrees C, with the fan set to ON, and before reaching flash firing restriction Level 1, with no flash adapters fitted (bursts up to 160 full power flashes with the flash zoomed from 150-200mm).
(3) Shooting wirelessly (radio only) requires EL-1 as sender with a compatible camera.
(4) Without any obstructions between sender and receiver, and without external optical/radio interference. Arrangement of units and other external factors may affect the range/performance.
(5) Indicates the remaining capacity of the internal battery only, not external power sources.
(6) 1/8192 to 1/1 power charging time required for firing.
(7) Attaching CP-E4N with Ni-MH batteries, reduces the recycle time to approx. 0.1-0.4sec and increases the number of full power flashes to approx. 680.
(8) With compatible cameras

