

AF360FGZ

Specifications

Type: Clip-on, TTL auto zoom flash unit with serial control
Guide Number: In manual mode, six-step adjustment from 1/1 to 1/32
 [ISO 100]

| Focal Length (Zooming position) | 85m m | 70m m | 50m m | 35m m | 28m m | 24m m | 20mm * |
|---------------------------------|----------|----------|----------|----------|----------|----------|-----------|
| [M 1/1] [=FULL] | 119 | 109 | 99 | 83 | 73 | 69 | 46 |
| [M 1/2] | 83 | 76 | 69 | 59 | 53 | 50 | 33 |
| [M 1/4] | 59 | 54 | 50 | 41 | 36 | 35 | 23 |
| [M 1/8] | 41 | 38 | 35 | 30 | 26 | 25 | 17 |
| [M 1/16] | 30 | 26 | 25 | 20 | 18 | 17 | 12 |
| [M 1/32] | 20 | 18 | 17 | 14 | 13 | 12 | 8 |

Flash Duration: [M 1/1] flash: approx. 1/1200 sec. Fastest duration time: approx. 1/20000 sec.

**Recycling time/
Total Flashes:**

| Battery Type | Recycling Time | Flashes |
|--------------------------|----------------|-------------|
| Alkaline (LR6) | Approx. 6 sec. | Approx. 250 |
| Nickel hydroxide (Ni-MH) | Approx. 6 sec. | Approx. 160 |
| Lithium (FR6) | Approx. 6 sec. | Approx. 300 |

Consecutive Discharge: Approx. 2 frames/sec for 50 pictures, at [M 1/16] output (with alkaline LR6 batteries)

Flash Coverage Angle: Auto zoom enabled with autofocus compatible camera and lens combination

| Zooming position | 85m m | 70m m | 50m m | 35m m | 28m m | 24m m | 20mm * |
|---------------------|----------|----------|----------|----------|----------|----------|-----------|
| Vertical Coverage | 23° | 26° | 34° | 45° | 53° | 60° | 85° |
| Horizontal Coverage | 31° | 36° | 46° | 60° | 70° | 78° | 98° |

| | |
|-------------------------------------|---|
| Color Temperature: | Daylight (suited for daylight color film) |
| Effective Flash Range: | Approx. 2.3ft – 17.8ft (Guide No. 99, ISO 100, f/5.6) |
| AF Spotbeam: | Red beam emitted under low light or low-contrast conditions |
| Compatible Film Speed: | ISO 25 – 1600 |
| Flash Modes: | P-TTL auto, TTL auto, auto, manual |
| Flash Exposure Compensation: | In P-TTL mode –3.0 to +1.0 steps (0.5 step increments). With wireless slave: [1/1, 2/3, 1 / 2, 1 / 3] |
| Flash Amount Setting: | With wireless slave: [1/1, 2/3, 1 / 2, 1 / 3] Manual: [1/1, 1 / 2, 1 / 4, 1 / 8, 1 / 16, 1 / 32] |
| Flash Sync Mode: | Leading-shutter-curtain sync, trailing-shutter-curtain sync, contrast-control-sync, high-speed-sync, modeling flash |
| Wireless Flash: | Control system: Optical pulse transmission Wireless position: Master (M), control (C), slave (S) Channels: 1 through 4 Compatible modes: P-TTL, auto (A), manual (M) Effective range: Approx. 13ft (according to Pentax testing conditions) |
| Bounce Flash: | Vertical bounce possible, click stops provided (-10°, 0°, 45°, 60°, 75°, 90°), lock provided at 0° |
| Power Saving: | Automatic power-off: After approx. 3 min. of non-operation with the power in the ON position, 6 min. in Auto, 1 hour in wireless mode |
| Red-eye Reduction: | Operates with autofocus cameras equipped with red-eye reduction feature |
| Modeling Flash: | Modeling button fires flash consecutively for 1 second |
| Wide-angle Panel: | Pull out manually, flash zoom position automatically sets to 20mm |
| Catchlight Panel: | Pull out manually |
| LCD Panel Illumination: | Light button illuminates the LCD panel for about 10 seconds, or press button again to turn off |
| Power Source: | Size-AA batteries x 4, Alkaline LR6, Nickel Hydroxide (Ni-MH), or Lithium FR6 |
| Dimensions: | 2.8"x4.3"x4.5" |
| Weight: | 9.6 oz without batteries |

Specifications subject to change