

The CoolPix 8700 Digital Camera "Tech Specs"

8.0 effective MP 2/3" CCD produces 23MB files for prints as large as 20" x 30"; 35-280mm 8x Optical Zoom Nikkor ED Glass Lens [8.9-71.2mm [35mm (135) format equivalent to 35-280mm] f/2.8-4.2 with macro; 4X digital zoom; 12 Scene Modes; 5-Area Autofocus with Focus Assist - Flexible focus control with accuracy in extreme low light conditions; Lightweight Magnesium Alloy body.

Image size (pixels): 8M (3,264 x 2,448), 5M (2,592 x 1,944), 3M (2,048 x 1,536), 2M (1,600 x 1,200), 1M (1,280 x 960), PC (1,024 x 768), TV (640 x 480), 3:2 (3,264 x 2,176) user selectable.

Focus modes: 1) Continuous AF, 2) Single AF, 3) Manual Focus (from 1.2 in. [3cm] to infinity with focus confirmation indication).

Focus range: 19.7 in. [50cm] to infinity, 1.2 in. [3cm] to infinity in Macro mode (middle zoom position).

Viewfinder: 0.44-inch type, 235,000-dot, polysilicon TFT color LCD viewfinder; Diopter adjustment: -4 to +1m(-1).

LCD Monitor: 1.8-inch type, 134,000-dot High Transmissive Advanced TFT LCD monitor with brightness and hue adjustment; frame coverage: approx. 97% (Through, Freeze), 100% (Play).

Focus modes: 1) Continuous AF, 2) Single AF, 3) Manual Focus (from 1.2 in. [3cm] to infinity with focus confirmation indication).

Storage: System: Exif 2.2 file (uncompressed RAW [NEF] and TIFF [RGB] or compressed JPEG). Design rule for Camera File system (DCF), Digital Print Order Format (DPOF), QuickTime Motion JPEG (Movie, Audio) Media: CF Card Type I/II, Microdrive (TM) Card.

Shooting Modes: AUTO, SCENE, Custom 1, Custom 2.

Scene Modes: Portrait, Party/Indoor, Night portrait, Beach/Snow, Landscape, Sunset, Night landscape, Fireworks show, Close up, Copy, Back light, and Panorama Assist.

User setting: 1) White balance, 2) (Exposure) Metering, 3) Continuous (Shooting), 4) Best Shot Selector (BSS/AE-BSS), 5) Image adjustment (Auto/Normal/More contrast/Less contrast), 6) Saturation Control (-2 to +2/Black & White), 7) User setting (two combinations of mode setting can be memorized in #1-#2), 8) Image Sharpening, 9) Lens, 10) Exposure options (AE Lock, Bulb/Times release), 11) Focus options, 12) Zoom options, 13) Speedlight options, 14) Auto Bracketing, 15) Noise Reduction, 16) Reset, 17) My Menu, 18) CF Card Format.

Capture modes: 1) Single, 2) Continuous H (2.5 fps; up to 5 frames), 3) Continuous L (1.2 fps; up to 12 frames), 4) Multi-shot 16 (consecutive 16 frames at 1.5 fps), 5) Ultra HS (high-speed) (640 x 480 pixels; 30 fps, up to 100 frames), 6) 5 shot buffer (1 fps), 7) Interval Timer Shooting, 8) Movie: TV movie (640 x 480 pixels) with audio at 30 fps; up to 35 seconds, or Small movie (320 x 240 pixels) with audio at 15 fps; up to 180 seconds, Time-lapse movie (640 x 480 pixels) at 30

fps; up to 35 seconds or Sepia movie (320 x 240 pixels) with audio at 5 fps; up to 180 seconds are selectable.

Exposure metering: 4-mode TTL metering: 1) 256-segment Matrix, 2) Center-Weighted, 3) Spot, 4) Spot AF Area.

Exposure control: 1) Programmed Auto with Flexible Program [P], 2) Shutter-Priority Auto [S], 3) Aperture-Priority Auto [A], 4) Manual [M]; Exposure Compensation (+/-2 EV in 1/3 EV steps); Auto Exposure Bracketing (3 or 5 frames within +/-2 EV); AE-BSS (three modes: Highlight, Shadow, Histogram).

Exposure range: EV -1.0 to +19.0 (W), EV +0.5 to +19.0 (T).

Shutter: Mechanical and charge-coupled electronic shutter; 1/4,000 (with minimum aperture) to 2 sec in AUTO mode and Programmed Auto (P); 1/4,000 to 8 sec in Shutter-Priority Auto (S) and Aperture-Priority Auto (A), 1/4,000 to 8 sec and Bulb/Time (up to 10 minutes) in Manual (M), 1/8,000 to 1/30 sec in Ultra HS (high-speed) mode. At some apertures, maximum shutter speed is 1/2,000 sec.

Aperture: 7-blade iris diaphragm; 10 steps in 1/3 EV increments (to minimum of f/8).

Sensitivity: Approximately equivalent to ISO 50, 100, 200, 400, and Auto *(auto gain to ISO 200 equivalent).

White Balance: 1) Auto White Balance with TTL control, 2) 6-mode Manual with fine tuning (Daylight/Incandescent/Fluorescent/Cloudy/Speedlight/Shade), 3) Preset, 4) White Balance Bracketing.

Self-timer: 10 or 3-second duration.

Built-in Speedlight: Shooting range: approx. 1.6 - 13.5ft. (0.5 - 4.1m) (W), approx. 1.6 - 8.9ft. (0.5 - 2.7m) (T). Flash modes: 1) Auto Flash, 2) Flash Cancel, 3) Red-Eye Reduction, 4) Anytime Flash, 5) Night Portrait (Slow Sync Flash).

Accessory shoe: Standard ISO hot-shoe contact with safety lock.

External Speedlight: Hotshoe connects to external Nikon Speedlight SB-800/50DX/30/22s; built-in Speedlight can be canceled when using external Speedlight(s).