**SPECIFICATION FOR PHOTO CAMERA**

|  | **Description** | **Requirement** | **Supplier’s Offer** |
| --- | --- | --- | --- |
|  | **Image Sensor** |  |  |
|  | Type | 1/2.3 type CCD |  |
|  | Effective Pixels | Approx. 20.0M 1 |  |
|  | Effective / Total Pixels | Approx. 20.5M |  |
|  | **Image Processor** |  |  |
|  | Type | DIGIC 4+ |  |
|  | **Lens** |  |  |
|  | Focal Length | 5.0 – 40.0 mm (35 mm equivalent: 28 – 224 mm) |  |
|  | Zoom | Optical 8x,  ZoomPlus 16x Digital approx. 4x Combined approx. 32x  |  |
|  | Maximum f/number | f/3.2 – f/6.9 |  |
|  | Construction | 8 elements in 7 groups (1 double-sided aspherical lens) |  |
|  | Image Stabilisation | Electronic type (Digital IS Mode) |  |
|  | Focusing |  |  |
|  | Type | TTL |  |
|  | AF System/ Points | AiAF (Face Detection / 9-point), 1-point AF (fixed to centre) |  |
|  | AF Modes | Single, Continuous, Servo AF/AE, Tracking AF |  |
|  | AF Assist Beam | Yes |  |
|  | Closest Focusing Distance | 1 cm (W) from front of lens in Macro |  |
|  | Exposure Control |  |  |
|  | Metering modes | Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre) |  |
|  | Exposure Compensation | +/- 2 EV in 1/3 stop increments i-Contrast for automatic dynamic range correction |  |
|  | ISO Sensitivity | AUTO, 100, 200, 400, 800, 1600 AUTO ISO: 100 - 800 |  |
|  | Shutter |  |  |
|  | Speed | 1 – 1/2000 s (Auto Mode) 15 – 1/2000 s (total range – varies by shooting mode) |  |
|  | White Balance |  |  |
|  | Type | TTL |  |
|  | Settings | Auto (including Face Detection WB), Daylight, Cloudy, Light bulb, Fluorescent, Fluorescent H, Custom |  |
|  | Monitor | 6.8 cm (2.7") LCD (TFT), approx. 230,000 dots |  |
|  | Coverage | Approx. 100% |  |
|  | Brightness | Adjustable to one of five levels. Quick-bright LCD available via holding INFO Button |  |
|  | Flash |  |  |
|  | Modes | Auto, Manual Flash On / Off, Slow Synchro |  |
|  | Slow Sync Speed | Yes. Fastest speed 1/2000 s |  |
|  | Red-Eye Reduction | Yes |  |
|  | Flash Exposure Compensation | Face Detection FE |  |
|  | Built-in Flash Range | 50 cm – 3.0 m (W) / 1.3 – 1.5 m (T) |  |
|  | External Flash | Canon High Power Flash HF-DC2 |  |
|  | Shooting |  |  |
|  | Modes | Smart Auto (32 scenes detected), P, Portrait, FaceSelf-Timer, Low Light (5.0 MP), Digital IS, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Fireworks, Long Shutter Easy Auto activated by default |  |
|  | Drive modes | Single, Continuous, Self-Timer |  |
|  | Continuous Shooting | Approx. 0.8 shots/s Low Light Mode (5.0 MP): Approx. 2.2 shots/s (all speeds are until memory card becomes full)   |  |
|  | Recording Pixels / Compression |  |  |
|  | Image Size | 4:3 - (L) 5152 x 3864, (M1) 3648 x 2736, (M2) 2048 x 1536, (S) 640 x 480 16:9/ W - (L) 5152 x 2896 Resize option available in playback |  |
|  | Compression | Fine |  |
|  | Movies | (HD) 1280 x 720, 25 fps, (L) 640 x 480, 29.97 fps |  |
|  | Movie Length | (HD) Up to 4 GB or 29 min 59 s (L) up to 4 GB or 1 hour  |  |
|  | File Types |  |  |
|  | Still Image Type | JPEG compression, (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 complian |  |
|  | Movies | MOV [Video: H.264, Audio: MPEG4 AAC-LC (monaural) |  |
|  | Other Features |  |  |
|  | Red-Eye Correction | Yes |  |
|  | Intelligent Orientation Sensor | Yes, with Auto Rotate |  |
|  | Histogram | Yes, during playback |  |
|  | Playback zoom | Approx. 2x – 10x |  |
|  | Self Timer | Approx. 2, 10 s or Custom |  |
|  | Menu Languages | English, German, French, Turkish. |  |
|  | Interface |  |  |
|  | Computer | Hi-Speed USB composite connector (Mini-B compatible) |  |
|  | Other | A/V output, composite connector (PAL/NTSC) |  |
|  | Memory Card |  |  |
|  | Type | 16 GB SD, SDHC, SDXC |  |
|  | Supported Operating System |  |  |
|  | PC & Macintosh | Windows 10 / 8.1 / 8 / 7 SP1 Mac OS X 10.9 / 10.10 / 10.11 / 10.12 |  |
|  | Software |  |  |
|  | Other | CameraWindow DC |  |
|  | Power Source |  |  |
|  | Batteries | Rechargeable Li-ion Battery NB-11L / NB-11LH (NB-11L battery and charger supplied) |  |
|  | Battery life | Approx. 210 shots Eco Mode: Approx. 285 shots Playback Mode: Approx. 240 min |  |
|  | Accessories |  |  |
|  | Cases / Straps | Soft Case DCC-1320 Soft Case DCC-1350 Soft Case DCC-1370 |  |
|  | Flash | Canon High Power Flash HF-DC2 |  |
|  | Power Supply & Battery Chargers | Battery Charger CB-2LFE / CB-2LDE Rechargeable Li-ion Battery NB-11L/ NB-11LH |  |
|  | Other | Canon AV Cable AVC-DC400 Interface cable IFC-400PCU |  |
|  | **SanDisk** | Ultra SDHC 16GB |  |

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