**TECHNICAL DATA**

|  |  |
| --- | --- |
| **IMAGE SENSOR** | 1/3 CMOS |
| **SIGNAL SYSTEM** | HD: 1080/59,94i, 1080/50i, 720/59,94p, 720/50p SD: NTSC / PAL |
| **EFFECTIVE NUMBER OF PIXELS** | Approx. 2,000,000 pixels |
| **ASPECT RATIO** | HD 16:9 SD 4:3/ 16:9 |
| **LENS** | 10x optical zoom, f=5.1 mm (wide) to 51.0 mm (tele), F1.8 to F2.1 |
| **DIGITAL ZOOM** | 12x (120x with optical zoom) |
| **HORIZONTAL ANGLE OF VIEW** | 50° (wide) to 5.4° (tele) |
| **MINIMUM OBJECT DISTANCE** | 10 mm (wide) to 800 mm (tele) |
| **SYNC SYSTEM** | Internal |
| **MINIMUM ILLUMINATION** | 12 lx (typical) (F1.8, 50 IRE) |
| **S/N RATIO** | More than 50 dB |
| **ELECTRONIC SHUTTER** | ½ to 1/10.000 s, 21 steps |
| **WHITE BALANCE** | Auto Indoor, Outdoor, One-push, Manual |
| **GAIN** | Auto/Manual (-3 to 18 dB, 8 steps) |
| **AE CONTROL** | Auto, Manual, Shutter Priority, Iris Priority, Bright, Spot AE |
| **EV COMPENSATION** | -10.5 to 10.5 dB (15 steps,1.5 dB increments) |
| **BACKLIGHT COMPENSATION** | On/Off |
| **SIGNAL SYSTEM** | HD 1080/59.94i, 1080/50i, 720/59.94p, 720/50p SD NSTC (crop/squeeze), PAL (crop/squeeze) |
| **VIDEO OUTPUT** | HD Analog component SD VBS:1.0 Vp-p (sync negative) Y/C |
| **FOCUS SYSTEM** | Full Auto, One push trigger, manual, infinity; near limit setting |
| **PICTURE EFFECTS** | Nega art, black and white, picture-freeze |
| **CAMERA OPERATION SWITCH** | Zoom tele, zoom wide |
| **CAMERA CONTROL INTERFACE** | VISCA (TTL, signal level), baud rate; 9.6 Kb/s, 19.2 Kb/s 38.4 Kb/s  stop bit 1 bit |
| **STORAGE TEMPERATURE** | -20° to 60°C (-4 to 140°F) |
| **OPERATING TEMPERATURE** | 0°C to 45°C (32 to 81°F) |
| **POWER CONSUMPTION** | 6 to 12 V DC/3.8 W |
| **MASS** | Approx. 120g (4.2 oz) |
| **DIMENSIONS (W x H x D)** | 47.2 x 43.1 x 72.2 mm (1 7/8  x 1 ¾ x 2 7/8 inches) |