



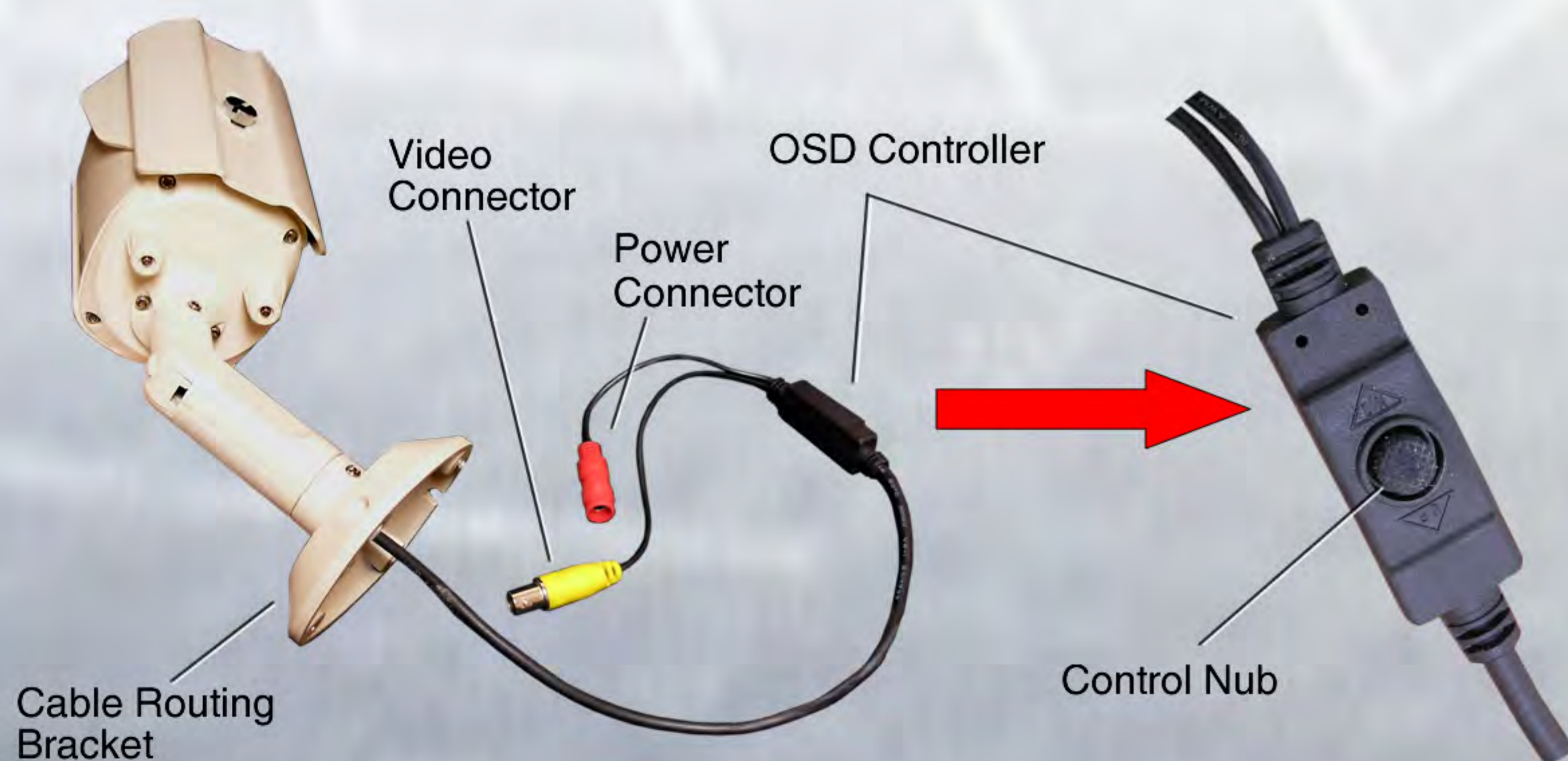
ECL-598HIM

Outdoor Very High Resolution CCTV Camera with Infrared, Varifocal Lens and OSD Menu

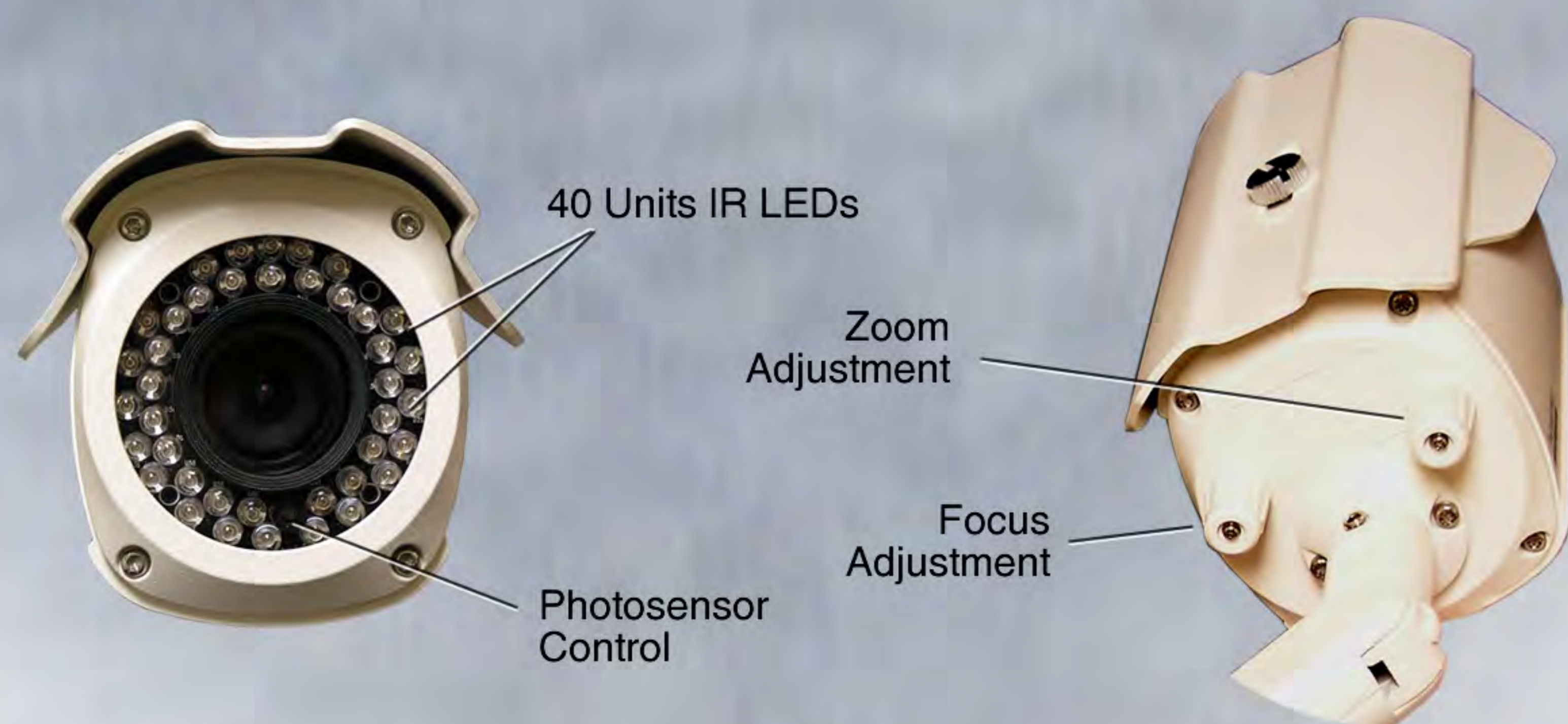
This color bullet camera uses a 1/3" Sony CCD video sensor (with built-in digital signal processing), advanced camera electronics with Sens up, very high resolution, internal infrared, and an auto-iris varifocal lens with external adjustment. Built from the ground up for premium dependability and video quality, this camera has a multi-lingual on-screen display (OSD) menu that offers many settings to let you tune this camera perfectly for any surveillance environment. A chip-set featuring advanced dynamic noise reduction (DNR) and wide dynamic range help round-out a set of features demanding users appreciate.



Aim and forget. The inside of the elbow joint of the all-metal bracket has interlocking gears. Aim the camera, tighten the security screws, and the aim won't change regardless of vibrations from nearby machinery, heavy traffic or other sources. It also makes it impossible for vandals to grab and move the camera without breaking it.



Multiple user friendly features make this camera perfect for commercial locations. The cable routing bracket prevents vandals from cutting the power and video cables. The OSD controller toggles the on-screen menu selections and provides an intuitive way of programming advanced features like motion detection, sharpness, exposure and more.



General Specifications

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| Video Sensor: 1/3" Sony CCD w/DSP |
| # of Pixels: NTSC - 811(h) x 508(v) |
| Very Horizontal Resolution: 600 TV lines |
| Minimum Illumination: 0.1 LUX / 0.0 LUX with IR on |
| IR LED Array: 40 Units Operating at 850nm Wavelength |
| IR Range: 60' or more (depending on atmospheric conditions) |
| Scanning System: 2:1 Interlace |
| Video Signal Synchronization: Internal |
| Video Signal: Composite output, 1Vp-p, 75 Ohm impedance |
| Signal to Noise Ratio: >50dB (AGC off) |
| Wide Dynamic Range: 52dB (x128) |
| Gamma Correction: 0.45 |
| IR Filter: Yes |
| Selectable Gain Control: high/middle/low/off |
| White Balance & Back Light Compensation: OSD menu selectable |
| Auto-Electronic Shutter: OSD menu adjustable 1/60 to 1/100,000 sec. |
| Sens Up: OSD menu selectable auto/fixd/off (x2 to x256) - sets slow shutter speeds to capture maximum light |
| Dynamic Noise Reduction (DNR): off/low/medium/high |
| Privacy Zone Masking: Yes, 6 zones OSD menu selectable |
| Motion Detection: Yes, OSD menu selectable |
| Mirror: Yes, OSD menu selectable off/on/V flip/rotate |
| Day & Night Mode Operation: Yes, color & aperture suppression selectable |
| Freeze & Picture Sharpness: Yes, OSD menu selectable |
| CRT/LCD Monitor: OSD menu selectable |
| Digital Image Stabilization (DIS): OSD menu selectable |
| Color Correction: OSD menu AWC/ATW/manual/push & red/blue gain |
| Dual Power: 12VDC/24VAC 1A (max. nominal) |

Optical Specifications

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| Varifocal Lens: 2.8-11mm varifocal, DC auto iris, OSD controlled exposure |
| Integrated Lens Separator: eliminates infrared "haze" |
| IR filter: Improves focus when switching between day & night mode |

Environmental Specifications

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| Operating Temperature: -10 degrees to +50 degrees (C) 14 degrees to +122 degrees (F) |
| Waterproof Rating: IP68 - superior weather resistance |

Physical Specifications

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| Dimensions: Camera & light shield attached - 85.1mm(w) x 123.5mm(h) x 233.8mm(d) (3.4" x 4.7" x 9.2") |
| Weight: 1.0kg (2.2lbs) |

Easy to Use On Screen Display (OSD) Menu Setup

Multiple OSD menus can be accessed using the OSD controller. Menus appear as an overlay on the video.

Menus and menu options can be changed by tilting the OSD controller nub (left/right and up/down), which acts like a mini joystick. When the desired option is highlighted, click the nub to select it.

