

High Resolution Built-in Varifocal Lens Black IR LED Camera

SIR-4160

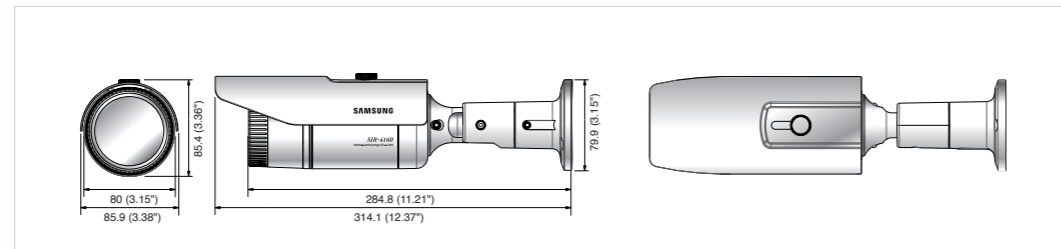


Specifications

| | SIR-4160N | SIR-4160P |
|----------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| ELECTRICAL | | |
| Input Voltage | Dual (12V DC / 24V AC) | |
| Power Consumption | Max. 7.8W (LED On) | |
| VIDEO | | |
| Imaging Device | 1/3" Super HAD CCD | |
| Total Pixels | 811(H) x 508(V) | 795(H) x 596(V) |
| Effective Pixels | 768(H) x 494(V) | 752(H) x 582(V) |
| Scanning System | 2 : 1 Interlace | |
| Synchronization | Internal / Line lock | |
| Frequency | H : 15.734KHz / V : 59.94Hz | H : 15.625KHz / V : 50Hz |
| Horizontal Resolution | Color : 600TV lines / B/W : 700TV lines | |
| Min. Illumination | Color : 0.15Lux (50IRE@F1.2), 0.0003Lux (Sens-up, 512X) B/W : 0Lux (LED on) | |
| S / N (Y signal) | 52dB | |
| Video Output | CVBS : 1.0Vp-p, 75 | |
| LENS | | |
| Zoom Ratio | 3.6X (Manual) | |
| Focal Length | 2.8 ~ 10mm (F1.2) | |
| Max. Aperture Ratio | 1 : 1.2(Wide) ~ 2.8(Tele) | |
| Min. Object Distance | 0.2m (0.66ft) | |
| Angular Field of View | H : 94.4°(Wide) ~ 28°(Tele) / V : 69.2°(Wide) ~ 21°(Tele) | |
| Focus | Manual | |
| Iris Control | Auto / Manual | |
| OPERATIONAL | | |
| On Screen Display | Korea, English, Japan, Spanish, French, Portuguese | English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech |
| Camera Title | On / Off (Displayed 15 characters) | |
| Day & Night | Auto (ICR) / Color / B/W | |
| SSDR | On / Off (Level adjustable) | |
| Backlight Compensation | BLC / HLC / Off | |
| Motion Detection | On / Off (8 Programmable zones) | |
| Digital Zoom | On / Off (1X ~ 16X) | |
| Digital Image Stabilization | On / Off | |
| Privacy Masking | On / Off (12 Programmable zones) | |
| 2D+3D Noise Filter (SSNRIII) | On / Off | |
| Sens-up (Frame Integration) | Auto / Off (Selectable limit ~ 512X) | |
| Gain Control | Low / High / Off | |
| White Balance | AWC, Manual, Indoor, Outdoor, ATW (1,700°K ~ 11,000°K) | |
| Electronic Shutter Speed | Fixed (1/60 / Flickerless) | Fixed (1/50 / Flickerless) |
| Sharpness | On / Off (Level adjustable) | |
| Flip / Mirror | On / Off | |
| Communication | Coaxial (Protocol : Pelco Coaxitron), RS-485 | |
| ENVIRONMENTAL | | |
| Operating Temperature / Humidity | -10°C ~ +50°C / 20% ~ 80% RH | |
| Storage Temperature / Humidity | -20°C ~ +60°C / 20% ~ 95% RH | |
| MECHANICAL | | |
| Dimension (WxHxD) | 85.9 x 85.4 x 314.1mm (3.38" x 3.36" x 12.37") | |
| Weight | 1Kg (2.2 lb) | |
| IR LED | 32EA | |
| IR Distance | 50m (164ft) | |
| Ingress Protection | IP66 | |
| Certifications | FCC (Class A) | CE (Class A) |

Dimensions

Unit : mm (inch)



Design and specifications are subject to change without notice.



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WV



No Fear of the Dark
Ultra Low Light Levels of 0 Lux!



SIR-4160

High Resolution Built-in Varifocal Lens Black IR LED Camera

- High resolution IR camera with high resolution of 600TV lines
- Equipped with high performance black IR LED, 50-meter monitoring range
- Dustproof and waterproof (IP66)
- Twin glass
- OSD menu access via coaxial telemetry



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The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

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