## High Resolution IR LED Vandal-Resistant Dome Camera
# SIR-4260V

## Specifications

| | SIR-4260VN | SIR-4260VP |
|---|---|---|
| **ELECTRICAL** | | |
| Input Voltage | Dual (12V DC/ 24V AC) | |
| Power Consumption | Max. 5.5W (LED On), Max. 15W (Heater On, Option) | |
| **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 (Min.) / B/W : 700TV lines (Min.) | |
| 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 | Auto / Manual / One-push | |
| Iris Control | Auto / Manual | |
| **PAN / TILT / ROTATE** | | |
| Pan Range | 0° ~ 340° | |
| Tilt Range | 0° ~ 146° | |
| Rotate Range | 0° ~ 340° | |
| **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 | |
| Digital Image Stabilization | On / Off | |
| Privacy Masking | On / Off (8 Programmable zones) | |
| 2D+3D Noise Filter (SSNRⅢ) | On / Off | |
| Sens-up (Frame Integration) | Auto / Off (Selectable limit ~ 256X ) | |
| Gain Control | Low / High / Off | |
| White Balance | ATW / AWC / Manual / Indoor / Outdoor | |
| Electronic Shutter Speed | Fixed (1/60 / Flickerless) | Fixed (1/50 / Flickerless) |
| 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 (WxH) | Ø148 x 126mm (Ø5.83" x 4.96") | |
| Weight | 1.3Kg (2.87 lb) | |
| IR LED | 10EA | |
| IR Distance | 30m (98.4ft) | |
| Ingress Protection | IP66 | |
| Certifications | FCC (Class A), UL/cUL listed | CE (Class A) |

## Dimensions
Unit : mm (inch)

Ø148 (5.83")
126 (4.96")
85 (3.35")
85 (3.35")
83.5 (3.29")
46 (1.81")

## Accessories

| Pendant Mount | Wall Mount | | | Corner Mount |
|---|---|---|---|---|
| STB-319VPW | STB-249VPW | STB-225VW | STB-275VW | STB-250VCW |

Design and specifications are subject to change without notice.

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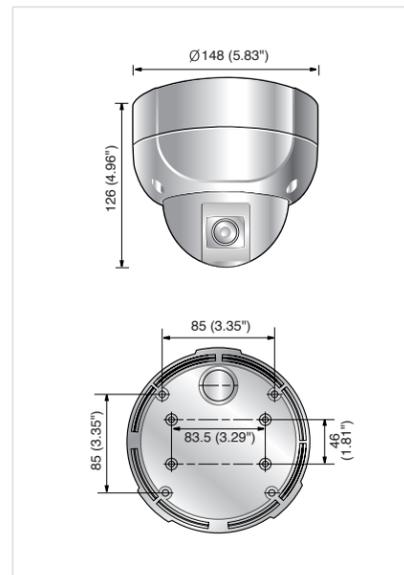
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**SAMSUNG TECHWIN**

**WV**
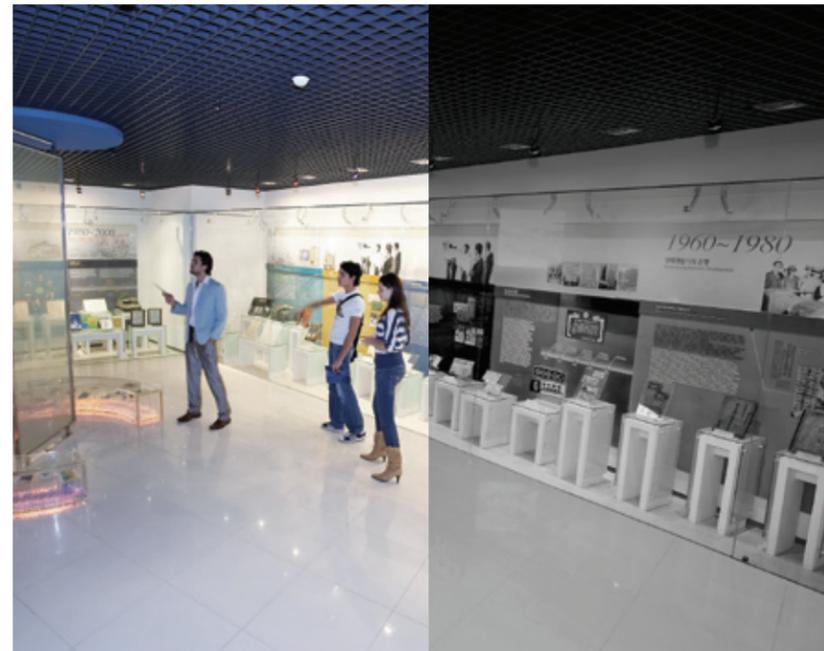


# Shine Through the Darkness
## Ultra Low Light Levels of 0 Lux!

**2009 PSi PREMIER AWARDS — CCTV MANUFACTURER OF THE YEAR — SAMSUNG TECHWIN**

# SIR-4260V
## High Resolution IR LED Vandal-Resistant Dome Camera

- IR vandal-resistant dome camera with a horizontal resolution of 600 TV lines
- Visibility of 30m (high performance black IR LED)
- 3.6X varifocal lens (2.8 ~ 10mm)
- Dustproof and waterproof (IP66)
- OSD menu access via coaxial telemetry

REVISED 11-2009

www.samsungcctv.com

# Featuring **WV** DSP,

## Indoor Visibility of 30m!

High Resolution Black IR LED
Vandal-Resistant Dome Camera

# SIR-4260V

The SIR-4260V is a high resolution IR LED camera that can capture images within 30 meters in extremely low or no lighting using its built-in black IR LED lamps. In addition, it boasts excellent performance in monitoring inside factories, warehouses and stores. The rugged dome exterior sports superior physical shock resistance against accidents and vandals.

## Superb Color Image Quality at 600TV lines Resolution!

**600TVL** Thanks to the Samsung Techwin DSP W-V chipset, the SIR-4260V boasts stable and precise image processing, delivering high-quality images with a color resolution of 600TV lines.

600TV lines

EIAJ TEST CHART

Conventional Camera          SIR-4260V

## OLux, No Additional Illumination required

**OLux** With built-in high performance black IR LEDs, which are up to four times brighter than normal ones, the SIR-4260V can capture even tiny movements up to 30 meters in complete darkness of 0Lux.

Conventional Camera          SIR-4260V

## Easier to Install

**Easy Installation** With the use of the same accessories as the existing vandal-resistant dome cameras, the SIR-4260V is easier to install.

## SSNRⅢ(Samsung Super Noise Reduction)

**SSNRⅢ** The SIR-4260V ensures clear and sharp images in low lighting by eliminating "image noise" with its high performance W-V DSP chips.

Conventional Camera          SIR-4260V
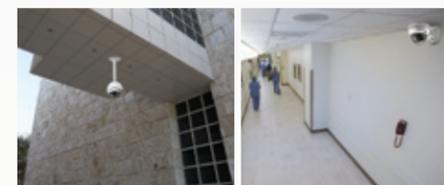
## Clear Images of Close Objects in IR Mode

**IR MODE** In IR mode, the SIR-4260V suppresses image blur with an IR LED lamp in B/W mode, ensuring clear images when shooting close objects.

Conventional Camera          SIR-4260V
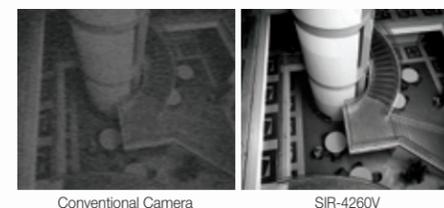
## SSDR (Samsung Super Dynamic Range)

**SSDR** Under backlit conditions, where there is a clear distinction between bright and dark areas, the SIR-4260V selectively brightens dark sections, ensuring virtually homogeneous brightness across the image.

Conventional Camera          SIR-4260V

## Samsung Techwin's Proprietary Technology **WV** DSP for High Resolution Monitoring

W-V, an embodiment of Samsung Techwin's commitment to technological development, is a fifth-generation DSP chipset that enables high resolution of 600TV lines. Samsung Techwin packs quite a bit of technology into the small chip to deliver unmatched cost-effectiveness. The chip features SSNRⅢ "image noise" elimination using upgraded 2D/3D filtering to ensure clear images in the darkness, day & night, SSDR, HLC highlight backlight compensation, image stabilization, multiple language OSD and other high-end features.

## Various Digital Features

**Backlight Compensation (HLC, SSDR)**
: The camera displays clear images captured under backlit conditions.

**Multiple Language OSD**
: You can select a language you want, such as English, French, Spanish and Italian.

**Motion Detection**
: The camera detects moving objects without exterior sensors.

**Supporting COAX Communications**
: Coaxial control enables OSD control.

**Versatile Varifocal Lens**
: The built-in 3.6X, 2.8-to-10-millimeter varifocal lens enables flexible adjustments of viewing angles.

600TVL  D&N  SSDR  SSNRⅢ  OLux  HLC  SAMSUNG TECHWIN W5  DIS  Multi Language OSD