

# BEYOND SCV-5083

1000TVL (1280H) WDR Vandal-Resistant  
Dome Camera

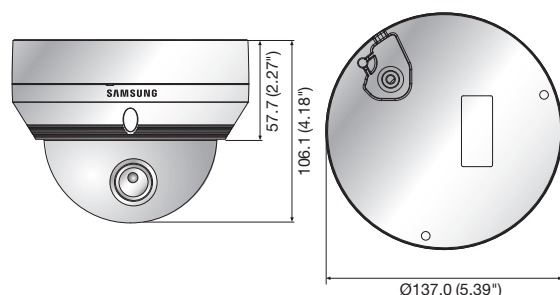


## Key Features

- High resolution of 1000TV lines (Color), 1000TV lines (B/W)
- 0.03Lux@F1.2, 50IRE (Color), 0.003Lux@F1.2 50IRE (B/W)  
0.01Lux@F1.2, 30IRE (Color), 0.001Lux@F1.2 30IRE (B/W)
- 3.8x varifocal lens (2.8 ~ 10.5mm)
- 120dB WDR, Day & Night (ICR)
- SSSR, SSNRIV, Defog, Intelligent video analytics
- IP66, IK10, Coax : Pelco-C (Coaxitron), Dual power

## Dimensions

Unit : mm (inch)



## Accessories (Optional)



SBP-301HM2 SBP-300LM SBP-300CM SBP-300WM1 SBP-300WM SBP-300B SBP-300PM SBP-300KM

|                                  | SCV-5083N                                                                                                                                                                                                                                      | SCV-5083P                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| VIDEO                            |                                                                                                                                                                                                                                                |                          |
| Imaging Device                   | 1/3" 1.3M CMOS                                                                                                                                                                                                                                 |                          |
| Total Pixels                     | 1,312(H) x 1,069(V)                                                                                                                                                                                                                            |                          |
| Effective Pixels                 | 1,305(H) x 1,049(V)                                                                                                                                                                                                                            |                          |
| Scanning System                  | Progressive scan                                                                                                                                                                                                                               |                          |
| Synchronization                  | Internal                                                                                                                                                                                                                                       |                          |
| Frequency                        | H : 15.734KHz / V : 59.94Hz                                                                                                                                                                                                                    | H : 15.625KHz / V : 50Hz |
| Horizontal Resolution            | Color : 1000TV lines, B/W : 1000TV lines                                                                                                                                                                                                       |                          |
| Min. Illumination                | Color : 0.03Lux (F1.2, 50IRE), 0.001Lux (1sec, F1.2, 50IRE),<br>0.01Lux (F1.2, 30IRE), 0.0003Lux (1sec, F1.2, 30IRE)<br>B/W : 0.003Lux (F1.2, 50IRE), 0.0001Lux (1sec, F1.2, 50IRE),<br>0.001Lux (F1.2, 30IRE), 0.00003Lux (1sec, F1.2, 30IRE) |                          |
| S / N Ratio                      | 52dB (AGC off, Weight on)                                                                                                                                                                                                                      |                          |
| Video Output                     | CVBS : 1.0 Vpp / 75Ω composite                                                                                                                                                                                                                 |                          |
| LENS                             |                                                                                                                                                                                                                                                |                          |
| Focal Length (Zoom Ratio)        | 2.8 ~ 10.5mm (3.8x) varifocal                                                                                                                                                                                                                  |                          |
| Max. Aperture Ratio              | F1.2                                                                                                                                                                                                                                           |                          |
| Angular Field of View            | H : 91.5°(Wide) ~ 27.7°(Tele) / V : 68.3°(Wide) ~ 20.8°(Tele)                                                                                                                                                                                  |                          |
| Min. Object Distance             | 0.5m (1.64ft)                                                                                                                                                                                                                                  |                          |
| Focus Control                    | Manual                                                                                                                                                                                                                                         |                          |
| Lens Type                        | DC auto iris                                                                                                                                                                                                                                   |                          |
| Mount Type                       | Board type                                                                                                                                                                                                                                     |                          |
| OPERATIONAL                      |                                                                                                                                                                                                                                                |                          |
| On Screen Display                | English, Chinese, Korean, Japanese, German, Italian, French, Spanish, Russian, Czech, Polish, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese                                                                                          |                          |
| Camera Title                     | Off / On (Displayed 15 characters)                                                                                                                                                                                                             |                          |
| Day & Night                      | Auto (ICR) / External / Color / B/W                                                                                                                                                                                                            |                          |
| Backlight Compensation           | Off / User BLC / HLC / WDR                                                                                                                                                                                                                     |                          |
| Wide Dynamic Range               | 120dB                                                                                                                                                                                                                                          |                          |
| Contrast Enhancement             | SSDR (Off / On)                                                                                                                                                                                                                                |                          |
| Digital Noise Reduction          | SSNR IV (Off / On)                                                                                                                                                                                                                             |                          |
| Defog                            | Off / Auto / Manual                                                                                                                                                                                                                            |                          |
| Purple Fringe Reduction          | Off / Low / Middle / High                                                                                                                                                                                                                      |                          |
| Digital Image Stabilization      | Off / On                                                                                                                                                                                                                                       |                          |
| Tampering                        | Off / On                                                                                                                                                                                                                                       |                          |
| Motion Detection                 | Off / On                                                                                                                                                                                                                                       |                          |
| Intelligent Video Analytics      | Fence, (Dis)Appear, Counting (Off / On)                                                                                                                                                                                                        |                          |
| Privacy Masking                  | Off / On (24 programmable zones with 4 points polygonal masking)                                                                                                                                                                               |                          |
| Gain Control                     | Off / Low / Middle / High                                                                                                                                                                                                                      |                          |
| White Balance                    | ATW / Outdoor / Indoor / Manual / AWC / Mercury (1,800K° ~ 10,500K°)                                                                                                                                                                           |                          |
| Electronic Shutter Speed         | 1sec ~ 1/12,000sec                                                                                                                                                                                                                             |                          |
| Digital Zoom                     | Off / On (1x ~ 16x)                                                                                                                                                                                                                            |                          |
| Reverse                          | Off / H-Rev / V-Rev / HV-Rev                                                                                                                                                                                                                   |                          |
| Profile                          | Basic, Day & Night, Backlight, ITS, Indoor, User                                                                                                                                                                                               |                          |
| Alarm                            | 1 Out                                                                                                                                                                                                                                          |                          |
| Communication                    | Coaxial control (SPC-300 compatible)                                                                                                                                                                                                           |                          |
| Protocol                         | Coax : Pelco-C (Coaxitron)                                                                                                                                                                                                                     |                          |
| ENVIRONMENTAL                    |                                                                                                                                                                                                                                                |                          |
| Operating Temperature / Humidity | -30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH<br>*Start up should be done at above -10°C (+14°F)                                                                                                                                           |                          |
| Ingress Protection               | IP66                                                                                                                                                                                                                                           |                          |
| Vandal Resistance                | IK10                                                                                                                                                                                                                                           |                          |
| ELECTRICAL                       |                                                                                                                                                                                                                                                |                          |
| Input Voltage / Current          | Dual (24V AC & 12V DC ±10%)                                                                                                                                                                                                                    |                          |
| Power Consumption                | Max. 5.6W                                                                                                                                                                                                                                      |                          |
| MECHANICAL                       |                                                                                                                                                                                                                                                |                          |
| Color / Material                 | Ivory / ALDC                                                                                                                                                                                                                                   |                          |
| Dimensions (WxH)                 | Ø137.0 x 106.1mm (Ø5.39" x 4.18")                                                                                                                                                                                                              |                          |
| Weight                           | 720g (1.59 lb)                                                                                                                                                                                                                                 |                          |

\* The latest product information / specification can be found at [www.samsungsecurity.com](http://www.samsungsecurity.com)