



## SKY-421NA High Resolution, Varifocal Dome



- Powerful 25x optical zoom (3.6~91mm)
- High resolution of 600 TV Lines
- Day & Night (ICR)
- WDR
- Intelligent video analytics (Moved/Fixed)

### Specifications

|                       |  |
|-----------------------|--|
| Item No.              | SKY-421NA  |
| Input Voltage         | Dual (12V DC / 24V AC)   |
| Power Consumption     | Max. 5.6W  |
| Imaging Device        | 1/4" Ex-view HAD PS CCD, SCZ-2250 : 1/4" Super HAD CCD                               |
| Total Pixels          | 811(H) x 508(V)  |
| Effective Pixels      | 768(H) x 494(V)  |
| Scanning System       | 2 : 1 Interlace / Progressive  |
| Synchronization       | Internal / Line lock   |
| Frequency             | H : 15.734KHz / V : 59.94Hz  |
| Horizontal Resolution | Color : 600TV lines (Min.) / B/W : 700TV lines (Min.)                                |
| Min. Illumination     | Color : 0.7Lux(50IRE@F1.65), 0.001Lux (Sens-up, 512x)<br>B/W : 0.07Lux (50IRE@F1.65) |
| S / N (Y signal)      | 52dB (AGC off, Weight on)  |
| Video Output          | CVBS : 1.0 Vp-p / 75 composite   |
| Zoom Ratio            | 25x (Optical), 16x (Digital)   |
| Focal Length          | 3.6 ~ 91mm (F1.65 ~ 3.7)   |
| Max. Aperture Ratio   | 1 : 1.65(Wide) ~3.7(Tele)  |
| Min. Object Distance  | 100cm (3.28ft)   |
| Angular Field of View | H : 55.32°(Wide) ~2.25°(Tele) / V : 42.1°(Wide) ~ 1.696°(Tele)                       |
| Focus                 | Auto / Manual / One AF   |
| Lens Drive Type       | DC Auto Iris   |
| On Screen Display     | English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean                    |
| Camera Title          | On / Off (Max. 54ea / 2 lines)   |
| Day & Night           | Auto (ICR) / Extern / Color / B/W  |
| Motion Detection      | Sensitivity 1~ 7 level   |

|                                  |  |
|----------------------------------|--|
| Wide Dynamic Range               | 128x   |
| Digital Noise Reduction          | On / Off   |
| Backlight Compensation           | BLC (On / Off) / WDR   |
| eXtended Dynamic Range           | Low / Medium / High / Off  |
| Digital Image Stabilization      | On / Off   |
| Privacy Masking                  | On / Off (12 polygonal programmable zones)                                 |
| 2D+3D Noise Filter (A1)          | Off / Very low / Low / Medium / High / Very high / User / Fix              |
| Sens-up (Frame Integration)      | On / Off (Selectable limit ~ 512x)   |
| White Balance                    | ATW1 / ATW2 / AWC (Manual) / 3200°K / 5600°K                               |
| Electronic Shutter Speed         | 1/60~1/10,000 sec  |
| Digital Zoom                     | On / Off (2x~16x)  |
| AGC                              | On / Off (Very Low / Low / Medium / High / Very High / User / Fix)         |
| PIP                              | On / Off   |
| Schedule                         | Day / Time schedule  |
| Communication                    | RS-485, Coaxial control  |
| Protocol                         | Samsung-T, Samsung-E, Pelco-D, Pelco-P, Bosch, Honeywell, Vicon, Panasonic |
| Operating Temperature / Humidity | -10°C ~ +50°C (+14°F ~ +122°F) / Less than 90%                             |
| Dimension (WxHxD)                | 59 x 59 x 144.2mm  |
| Weight                           | 508g (1.12 lb)   |
| LED Indicator                    | Built-in   |
| Certifications                   | FCC (Class A), UL/cUL listed   |