

Long Distance UTP Solution



High Resolution WDR UTP Dome Camera

SUD-3080/3080F

SUD-3080/3080F are high resolution dome cameras with a built-in UTP transmitter that extends the range of video transmission. These UTP cameras are a cost effective solution to coax, which are easy to install and fully compatible with existing products which use Samsung Techwin's UTP transmission systems.

- Transmits clear video up to 900m (3,000ft) (With power supply hub)
- Built-in 3.9x (2.8 ~ 11mm) varifocal lens with auto iris
- High resolution of 600TV lines in color, Min. illumination of 0.3Lux
- 3D filtering noise reduction technology, SSNRIII
- VPS (Virtual Progressive Scan), Coaxial control
- Intelligent Video (Detection / Tracking / Moved / Fixed)

High Resolution WDR UTP Dome Camera

SUD-3080/3080F



SUD-3080

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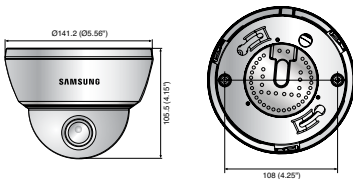
Specifications

| | SUD-3080N/3080FN | SUD-3080P/3080FP |
|----------------------------------|---|---|
| ELECTRICAL | | |
| Input Voltage | 12V DC / 24V AC / 28V AC | |
| Power Consumption | Max. 4.0W | |
| VIDEO | | |
| Imaging Device | 1/3" Vertical double density interline 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 / Progressive | |
| 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 : 0.3Lux (50 IRE@F1.2), 0.0006Lux (Sens-up, 512x) B/W : 0.01Lux (50 IRE@F1.2), 0.00002Lux (Sens-up 512x) | |
| S / N (Y signal) | 52dB (AGC off, Weight on) | |
| Video Output | CVBS : 1.0Vp-p / 75 composite | |
| UTP | Built-in UTP TX (Transmission length Max.900m (300ft) : Balanced differential signal 100) | |
| LENS | | |
| Zoom Ratio | 3.9X (Manual) | |
| Focal Length | 2.8 ~ 11mm (F1.2) | |
| Max. Aperture Ratio | 1 : 1.2(Wide) ~ 2.8(Tele) | |
| Angular Field of View | H : 102°(Wide) ~ 28°(Tele) / V : 73°(Wide) ~ 21°(Tele) | |
| PAN / TILT / ROTATE | | |
| Pan Range | 0° ~ 340° | |
| Tilt Range | 0° ~ 73° | |
| Rotate Range | 0° ~ 340° | |
| OPERATIONAL | | |
| On Screen Display | English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean | English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese |
| Camera Title | Off / On (Displayed 15 characters) | |
| Day & Night | Auto (ICR) / Color / B/W / EXT | |
| SSDR | On / Off (Level adjustable) | |
| Backlight Compensation | WDR / User BLC / HLC / SSDR / Off | |
| Wide Dynamic Range | 128x | 160x |
| VPS (Virtual Progressive Scan) | On / Off | |
| Intelligent Video | Detection / Tracking / Moved / Fixed / Alarm out | |
| 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 (Level adjustable) | |
| Sens-up (Frame Integration) | Auto / Off (Selectable limit ~ 512x) | |
| Gain Control | Low / High / Off | |
| White Balance | ATW / Outdoor / Indoor / Manual / AWC (1,700K° ~ 11,000K°) | |
| Electronic Shutter Speed | 1/60 ~ 1/120,000sec | 1/50 ~ 1/120,000sec |
| Shutter Mode | Fixed, ESC, Manual, A,FLK | |
| Reverse | Off / H-REV / V-REV / HV-REV | |
| Communication | RS-485, Coaxial control | |
| Protocol | Samsung-T, Samsung-E, Pelco-D, Pelco-P, Bosch, Panasonic, Honeywell, Vicon | |
| ENVIRONMENTAL | | |
| Operating Temperature / Humidity | -10°C ~ +50°C (+14°F ~ +122°F) / less than 90% RH | |
| MECHANICAL | | |
| Dimension (WxHxD) | SUD-3080 : Ø141.2 x 105.5mm (Ø5.56" x 4.15") / SUD-3080F : Ø140 x 115mm (Ø5.51" x 4.53") | |
| Weight | SUD-3080 : 520g (1.15 lb) / SUD-3080F : 435g (0.96 lb) | |
| Certifications | FCC (Class A), UL/cUL listed | CE (Class A), UL/cUL listed |

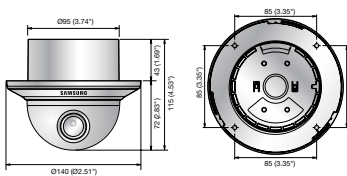
Dimensions

Unit : mm (inch)

SUD-3080



SUD-3080F



UTP Kit



SPU-400
4CH UTP Power Supply Hub



SPU-100TR
1CH UTP Transceiver



SPU-400R
4CH UTP Receiver



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

Design and specifications are subject to change without notice.



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