

# HD-SDI SCD-6081R

1080p HD-SDI WDR IR Dome Camera

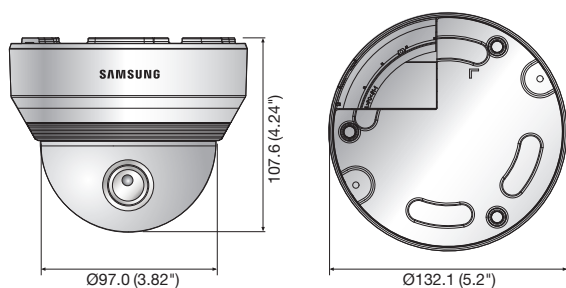


## Key Features

- Full HD (1920 x 1080, 30fps) mega resolution, HD (1280 x 720, 60fps) resolution
- Min. Illumination 0Lux (IR LED on), IR distance 15m
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- Simple focus, WDR (100dB)
- True Day & Night (ICR), MD, SSNR III, RS-485, Dual power

## Dimensions

Unit : mm (inch)



## HD-SDI Kit



SPH-120R  
Repeater



SPH-110C  
Converter

## Accessories (Optional)



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

SCD-6081RN/P	
<b>VIDEO</b>	
Imaging Device	1/3" Progressive scan CMOS
Total Pixels	2,010(H) x 1,108(V), 2.2M pixels
Effective Pixels	1,944(H) x 1,092(V), 2.1M pixels
Scanning System	Progressive
Min. Illumination	Color : 1Lux@F1.2, 0.015Lux (Sens-up, 60x) B/W : 0Lux (IR LED on)
S / N Ratio	50dB (AGC off, Weight on)
Video Output	SMPTE292M (HD-SDI), Monitoring CVBS
<b>LENS</b>	
Focal Length (Zoom Ratio)	3 ~ 8.5mm (2.8x) motorized varifocal
Max. Aperture Ratio	F1.2
Angular Field of View	H : 105.5°(Wide) ~ 37.1°(Tele) / V : 57.5°(Wide) ~ 21°(Tele)
Min. Object Distance	0.5m (1.64ft)
Focus Control	Simple focus (Motorized V/F) / Manual
Lens Type	DC auto iris
Mount Type	Board-in type
<b>PAN / TILT / ROTATE</b>	
Pan Range	0° ~ 354°
Tilt Range	0° ~ 67°
Rotate Range	0° ~ 355°
<b>OPERATIONAL</b>	
On Screen Display	English, Korean, French, German, Spanish, Italian, Chinese, Russian, Polish, Swedish, Danish, Portuguese, Japanese, Serbian, Czech, Romanian, Turkish
Camera Title	Off / On (Displayed up to 15 characters)
Day & Night	Auto (ICR) / External / Color / B/W
Backlight Compensation	Off / User BLC / HLC / WDR
Wide Dynamic Range	100dB
Contrast Enhancement	SSDR (Off / On)
Digital Noise Reduction	SSNR III (Off / On)
Digital Image Stabilization	Off / On
Motion Detection	Off / On
Privacy Masking	Off / On (4ea polygonal + 16ea rectangular zones)
Sens-up (Frame Integration)	2x ~ 60x
Gain Control	Off / Low / Medium / High
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,700°K ~ 11,000°K)
Electronic Shutter Speed	ESC / A.FLK / Manual
Digital Zoom	Off / On (1x ~ 16x)
Reverse	Off / H-Rev / V-Rev / HV-Rev
Profile	Built-in
PIP	Off / On
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear
Alarm	(MD) output 1, External D/N in 1
Remote Control Interface	RS-485
Protocol	RS-485 : Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE
IR Distance	15m (49.21ft) (IR LED : 12ea)
<b>ENVIRONMENTAL</b>	
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH
<b>ELECTRICAL</b>	
Input Voltage / Current	Dual (24V AC & 12V DC ±10%)
Power Consumption	Max. 6W
<b>MECHANICAL</b>	
Color / Material	Ivory / Plastic
Dimensions (WxH)	Ø132.1 x 107.6mm (Ø5.2" x 4.24")
Weight	321g (0.71 lb)
<b>TRANSMISSION DISTANCE</b>	
5C2V (75ohm)	Max. 100 ~ 140m
L-6CHD (75ohm)	Max. 200m

\* This transmission distance is theoretically calculated number, and real transmission distance can be affected by installation environment.  
\* The latest product information / specification can be found at [www.samsungsecurity.com](http://www.samsungsecurity.com)