

# SCP-2120

1/4" 12x High Resolution PTZ Dome Camera

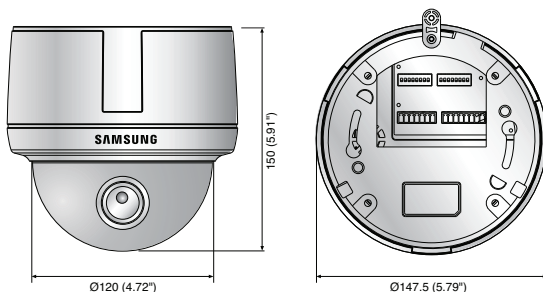


## Features

- 1/4" Super HAD color CCD
- Based on W-V, the latest generation of Winner DSP engine
- Powerful 12x optical zoom (3.9 ~ 46mm) and 16x digital zoom
- SSNR III, Upgraded 2D/3D noise reduction technology
- Day & Night with ICR (Infrared Cutfilter Removal)
- High resolution of 600TV lines (Color), 700TV lines (B/W)
- Min. illumination of 0.2Lux@F1.67 (Color)  
0.004Lux@F1.67 (B/W)  
0.0004Lux@F1.67 (Color sens-up)
- 360° continuous rotation, High-speed pan & tilt at 650°/sec
- Privacy masking with 12 user programmable zones
- Two types of installation (Flush or surface mount)
- SDDR (Samsung Super Dynamic Range)
- HLC (Highlight Compensation)
- Motion detection
- Coaxial & RS-485/422 control
- 512x sens-up support
- Multi-language OSD
- S/N ratio of 52dB
- Voltage : 24V AC

## Dimensions

Unit : mm (inch)



## Technical Specifications

	SCP-2120N	SCP-2120P
<b>ELECTRICAL</b>		
Input Voltage	24V AC	
Power Consumption	Max. 12W	
<b>VIDEO</b>		
Imaging Device	1/4" 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 / AC 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 : 0.2Lux (50 IRE@F1.67), 0.0004Lux (Sens-up, 512x) B/W : 0.004Lux (50 IRE@F1.67)	
S / N (Y signal)	52dB	
Video Output	CVBS : 1.0Vp-p / 75Ω composite	
<b>LENS</b>		
Zoom Ratio	12x (Optical), 16x (Digital)	
Focal Length	3.9 ~ 46mm (F1.67 ~ 1.88)	
Max. Aperture Ratio	1 : 1.67(Wide) ~ 1.88(Tele)	
Min. Object Distance	1.8m (5.91ft)	
Angular Field of View	H : 25.77°(Wide) ~ 2.55°(Tele) / V : 19.64°(Wide) ~ 1.69°(Tele)	
Focus	Auto / Manual / One-push	
Zoom Movement Speed	1.9sec	
Iris Control	Auto / Manual	
<b>PAN / TILT</b>		
Pan Range	360° Endless	
Pan Speed	Preset : 650°/sec / Manual : 0.05°/sec ~ 120°/sec (Proportional zoom ratio)	
Tilt Range	-5° ~ 185°	
Tilt Speed	Preset : 650°/sec / Manual : 0.05°/sec ~ 120°/sec (Proportional zoom ratio)	
Preset Positions	255	
Preset Accuracy	±0.1°	
PTZ Mode	Preset, Swing, Group, Tour	
<b>OPERATIONAL</b>		
On Screen Display	Korean, English, Japanese, Spanish, French, Portuguese, Taiwanese	English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese
Camera Title	On / Off (Displayed 15 characters)	
Day & Night	Auto (ICR) / Color / B/W	
SDDR	On / Off (Level adjustable)	
Backlight Compensation	BLC / HLC / Off	
Motion Detection	On / Off (8 programmable zones)	
Digital Image Stabilization	On / Off	
Privacy Masking	On / Off (8 programmable zones)	
2D+3D Noise Filter (SSNR III)	On / Off (Level adjustable)	
Sens-up (Frame Integration)	Auto / Off (Selectable 2x ~ 512x)	
Gain Control	Low / High / Off	
White Balance	AWC / Manual / Indoor / Outdoor / ATW (1,700°K ~ 11,000°K)	
Electronic Shutter Speed	Auto (NTSC : 1/60 ~ 1/120,000sec, PAL : 1/50 ~ 1/120,000) / Manual / A.FLK	
Communication	RS-485/422, Coaxial control	
Protocol	Samsung-T, Pelco-D, Pelco-P, Pelco Coaxitron, Panasonic, Honeywell, AD, Vicon, BOSCH, GE	
Alarm	2 In, 2 Out	
Auto Digital Flip	On / Off	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 90% RH	
Storage Temperature / Humidity	-20°C ~ +60°C (-4°F ~ +140°F) / 20% ~ 95% RH	
<b>MECHANICAL</b>		
Dimension (WxH)	Ø147.5 x 150mm (Ø5.79" x 5.91")	
Weight	1.065Kg (2.35 lb)	
Certifications	FCC (Class A), UL/cUL listed	CE (Class A), UL/cUL listed