



SCU-2370

1/4" 37x High Resolution Positioning System



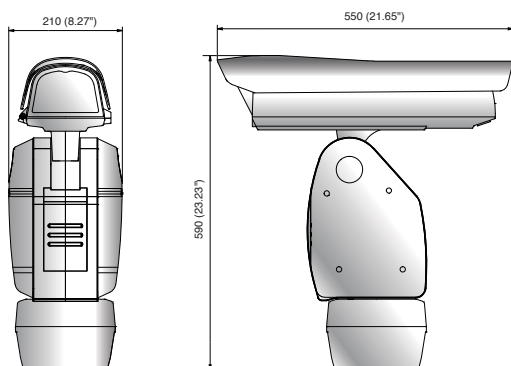
CAMERA

Features

- 1/4" Super HAD color CCD
- Based on W-V, the latest generation of Winner DSP engine
- Powerful 37x optical zoom (3.5 ~ 129.5mm) 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@F1.65 (Color)
0.02Lux@F1.65 (B/W)
0.0004Lux@F1.65 (Color sens-up)
- 360° continuous rotation, High-speed pan & tilt at 100°/sec
- Privacy masking with 12 user programmable zones
- SSDR (Samsung Super Dynamic Range)
- HLC (Highlight Compensation)
- DIS (Digital Image Stabilization)
- Programmable 255 preset positions
- Multiple protocol support
- Motion detection
- Coaxial & RS-485/422 control
- 512x sens-up support
- Multi-language OSD
- S/N ratio of 50dB
- Voltage : 24V AC

Dimensions

Unit : mm (inch)



Technical Specifications

	SCU-2370N	SCU-2370P
ELECTRICAL		
Input Voltage	24V AC	
Power Consumption	Max. 80W (Max. 140W : Heater on)	
VIDEO		
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 / 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@F1.65), 0.0004Lux (Sens-up, 512x) B/W : 0.02Lux (50 IRE@F1.65)	
S / N (Y signal)	More than 50dB	
Video Output	CVBS : 1.0Vp-p / 75Ω composite	
LENS		
Zoom Ratio	37x (Optical), 16x (Digital)	
Focal Length	3.5 ~ 129.5mm (F1.6 ~ 3.9)	
Max. Aperture Ratio	1 : 1.6(Wide) ~ 3.9(Tele)	
Min. Object Distance	1.5m (4.92ft)	
Angular Field of View	H : 55.5°(Wide) ~ 1.59°(Tele) / V : 42.5°(Wide) ~ 1.19°(Tele)	
Focus	One-shot	
Zoom Movement Speed	2.5sec	
Iris Control	Auto / Manual	
PAN / TILT		
Pan Range	360° Endless	
Pan Speed	Preset : 100°/sec / Manual : 0.05°/sec ~ 40°/sec (64 step)	
Tilt Range	-85° ~ 40°	
Tilt Speed	Preset : 100°/sec / Manual : 0.05°/sec ~ 40°/sec (64 step)	
Preset Positions	255	
Preset Accuracy	±0.1°	
OPERATIONAL		
On Screen Display	English, French, German, Spanish, Italian, Portuguese, Chinese	
Camera Title	On / Off (Displayed 12 characters)	
Day & Night	Auto (ICR) / Color / B/W	
SSDR	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 (12 programmable zones)	
2D+3D Noise Filter (SSNR/III)	On / Off (Level adjustable)	
Sens-up (Frame Integration)	Auto / Off (Selectable 2x ~ 512x)	
Gain Control	Low / Medium / High / Manual / 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	
Schedule	Day / Time schedule	
Communication	RS-485/422, Coaxial control	
Protocol	Samsung-T, Pelco-D, Pelco-P, Pelco Coaxitron, Panasonic, Honeywell, AD, Vicon, BOSCH, GE	
Alarm	3In, 1Out, 1Aux	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 90% RH	
MECHANICAL		
Dimension (WxHxD)	210 x 590 x 550mm (8.27" x 23.23" x 21.65")	
Weight	15Kg (33.07 lb)	
Ingress Protection	IP66	
Certifications	FCC (Class A), UL/cUL listed	CE (Class A), UL/cUL listed