360° Perfect Protection

Suitable for all conditions, 37x Weatherproof Positioning System

37x Weatherproof Positioning System

SCU-2370

The SCU-2370 is a positioning system that combines a camera, lens, receiver, and housing all into a single PTZ system. Offering continuous unobstructed 360° panning and a tilt range of -85° to 40°, the SCU-2370 provides an excellent field of view especially considering the powerful 37x optical zoom with 16x digital zoom. Internal positioning encoders allow for all 255 prepositions to be accurate within 0.1° even in high wind/vibration environments. This Positioning System utilizes the W-5 DSP which provides valuable functions including true day/night (ICR) imaging, SSNRIII (Samsung Super Noise Reduction, which significantly reduces noise in the dark) and coaxial/RS-485 PTZ control. Rated to IP66, the SCU-2370 is suitable for use in demanding outdoor environments.

- High resolution of 600TV Lines with Min illumination of 0.2Lux
- Powerful 37x optical zoom with True Day/Night (ICR)
- Fast 120°/Second Pan speed with built in position encoders
- Motion detection and Privacy Masking
- IP66, -58°F to 122°F operating temperature range
- Coaxial Control (Pelco-C), RS-485 Control (Multi-protocol)
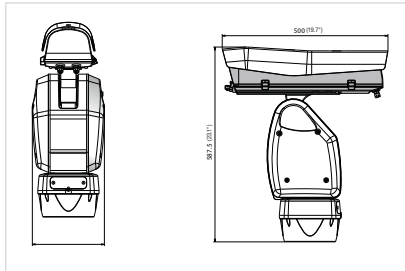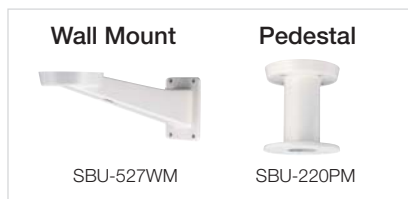
37x Weatherproof Positioning System
SCU-2370

SSNR III | 600TVL | 0.2 Lux | 37x A/F Lens

Dimensions
Unit : mm (inch)

500 (19.7")
587.5 (23.1")

Accessories

Wall Mount	Pedestal
SBU-527WM	SBU-220PM

Specifications

	SCU-2370N	SCU-2370P
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, B/W : 700TV lines	
Min. Illumination	Color : 0.2Lux@F1.6 (50IRE), 0.0004Lux (Sens-up, 512x) B/W : 0.02Lux@F1.6 (50IRE), 0.00004Lux (Sens-up, 512x)	
S / N Ratio	52dB (AGC off, Weight on)	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
LENS		
Focal Length (Zoom Ratio)	3.5 ~ 129.5mm (Optical 37x)	
Max. Aperture Ratio	1 : 1.6(Wide) ~ 3.9(Tele)	
Angular Field of View	H : 55.5°(Wide) ~ 1.59°(Tele) / V : 42.5°(Wide) ~ 1.19°(Tele)	
Min. Object Distance	1.5m	
Focus Control	Auto / Manual / One shot	
Zoom Movement Speed	2.8sec	
Lens Type	DC auto iris	
PAN / TILT		
Pan Range	360° Endless	
Pan Speed	Preset : 0.1° ~ 120°/sec, Manual : 0.1°/sec ~ 36°/sec (Turbo : 120°/sec)	
Tilt Range	-85° ~ 40°	
Tilt Speed	Preset : 0.1° ~ 36°/sec, Manual : 0.1°/sec ~ 36°/sec	
Preset	255	
Preset Accuracy	±0.1°	
OPERATIONAL		
On Screen Display	English, Chinese, French, German, Spanish, Italian, Portuguese	
Camera Title	Off / On (Displayed 12 characters)	
Day & Night	Color / B/W / Auto	
Backlight Compensation	Off / HLC / BLC	
Contrast Enhancement	SSDR (Off / On)	
Digital Noise Reduction	SSNRIII (Off / On)	
Digital Image Stabilization	Off / On	
Motion Detection	Off / On	
Privacy Masking	Off / On (8 area)	
Sens-up (Frame Integration)	2x ~ 512x	
Gain Control	Off / Low / Medium / High / Manual	
White Balance	ATW / Indoor / Outdoor / Manual / AWC	
Electronic Shutter Speed	Auto (1/60 ~ 1/120,000sec) / Manual / A.FLK	Auto (1/50 ~ 1/120,000sec) / Manual / A.FLK
Digital Zoom	Off / On (1x ~ 16x)	
Schedule	Day / Time	
Alarm	3 In 2 Out 1 Aux (Option : Wiper pump)	
IR Illuminator (Optional)	On / On (1 ~ 60sec, 1 ~ 60min) / Off	
Communication	Coaxial control, RS-485	
Protocol	Coax : Pelco-C (Coaxitron) RS-485 : Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, GE, AD	
ENVIRONMENTAL		
Operating Temperature / Humidity	-50°C ~ +50°C (-58°F ~ +122°F) / Up to 100% RH	
Ingress Protection	IP66	
ELECTRICAL		
Input Voltage	24V AC ±10%	
Power Consumption	Max. 40W / 144W (Fan & heater on)	
MECHANICAL		
Color / Material	Ivory / Aluminum	
Dimensions (WxHxD)	217.3 x 587.5 x 500.0mm (8.56" x 23.13" x 19.69")	
Weight	17.5Kg (38.58 lb)	

FC c(UL)us CE

eco RoHS compliant

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.