



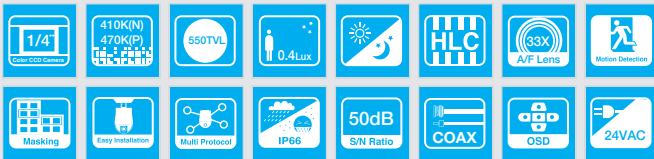
SPU-3700 NEW



1/4" 37X Ultra Low Light Weather-Proof PTZ Dome Camera

Overview

The SPU-3700 PTZ camera with integrated housing provides exceptional video quality at 550TV lines or higher horizontal resolutions and at ultra-low light levels of 0.001Lux. The 37X optical and 12X digital zooms combine for zooming up to 444X, bringing distant objects in close for clear viewing. This premium PTZ camera packs a variety of convenient extras like a high Pan/Tilt speed of 500° per second, DIS (Digital Image Stabilization), and a multiple language OSD.



Features

- 1/4" Super HAD color CCD
- Based on W-IV, the latest generation of Winner DSP engine
- Powerful 37X optical zoom (3.5 ~ 129.5mm) and 12X digital zoom
- SSNRII, digital 3D noise reduction technology
- Day & Night with ICR (Infrared Cutoff Removal)
- High resolution of 550TV lines (Color), 680TV lines (B/W)
- Min. illumination of 0.4Lux@F1.6 (Color)
0.02Lux@F1.6 (B/W)
0.001Lux@F1.6 (Color sens-up)
- Privacy masking with 8 programmable zones
- HLC (Highlight Compensation) • DIS (Digital Image Stabilization)
- Programmable 255 preset positions • Multiple protocol support
- Automatic scene tour functions • Integrated Housing
- Max. 500°/sec pan speed and 360° continuous rotation
- Motion detection • RS-485/422, Coaxial control
- Multi-language OSD • S/N ratio of 50dB
- Voltage : 24V AC

Technical Specifications

	SPU-3700N	SPU-3700P
ELECTRICAL		
Input Voltage	24V AC ±10%	
Power Consumption	58W (With fan/heater), 15W (Without fan/heater)	
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 / AC line lock	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 550TV lines (Min.) / B/W : 680TV lines (Min.)	
Min. Illumination	Color : 0.4Lux (50 IRE@F1.6), 0.001Lux (Sens-up, 256X) B/W : 0.02Lux (50 IRE@F1.6)	
S / N (Y signal)	50dB	
Video Output	CVBS : 1.0Vp-p / 75	
LENS		
Zoom Ratio	37X (Optical), 12X (Digital)	
Focal Length	3.5 ~ 129.5mm (F1.6 ~ 3.9)	
Max. Aperture Ratio	1 : 1.6 (Wide) ~ 3.9 (Tele)	
Min. Object Distance	1.8m (5.91ft)	
Angular Field of View	H : 55.5°(Wide) ~ 1.59°(Tele) / V : 42.5°(Wide) ~ 1.19°(Tele)	
Focus	Auto / Manual / One-shot	
Zoom Movement Speed	2.5sec	
Iris Control	Auto / Manual	
PAN / TILT		
Pan Range	360° Endless	
Pan Speed	Preset : 500°/sec / Manual : 0.024°/sec ~ 120°/sec (Proportional zoom ratio)	
Tilt Range	-5° ~ 185°	
Tilt Speed	Preset : 500°/sec / Manual : 0.024°/sec ~ 120°/sec (Proportional zoom ratio)	
Preset Positions	255	
Preset Accuracy	±0.1°	
PTZ Mode	Preset, Swing, Group, Tour	
OPERATIONAL		
On Screen Display	Built-in (Multi-language support)	
Camera Title	On / Off	
ID (Camera Address)	1 ~ 255	
Day & Night	Auto (ICR) / Color / B/W	
Backlight Compensation	BLC / HLC / Off	
Motion Detection	On / Off	
Digital Image Stabilization	On / Off	
Privacy Masking	On / Off (8 Programmable zones)	
3D Noise Filter (SSNRII)	Low / Medium / High / Off	
Sens-up (Frame Integration)	On / Off (Selectable limit ~ 256X)	
Gain Control	Low / Medium / High / Manual / Off	
White Balance	ATW / AWC / Manual / Indoor / Outdoor	
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 Techwin, Pelco-D, Pelco-P, Panasonic, Honeywell, AD, Vicon, Samsung Electronics, GE, Bosch	
Alarm	3 In, 1 Out, 1 Aux	
Auto Digital Flip	On / Off	
ENVIRONMENTAL		
Operating Temperature / Humidity	-50°C ~ +50°C (-58°F ~ +122°F) / 20% ~ 80% RH	
MECHANICAL		
Dimension (WxH)	Ø248 x 331mm (Ø9.76" x 13.03")	
Weight	4.5Kg (9.92 lb)	
Ingress Protection	IP66	
Certifications	FCC (Class A), UL/cUL listed	CE (Class A)

Dimensions

Unit : mm (inch)

