SPD-3000

1/4″ High Resolution, 30X PTZ Dome Camera

Technical Specifications

	SPD-3000N	SPD-3000P
ELECTRICAL		
Input Voltage	24V AC	
Power Consumption	Max. 10W	
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 : 520TV lines (Min.) / B/W : 570TV lines (Min.)	
Min. Illumination	Color : 0.7Lux (50 IRE@F1.6), 0.005Lux (Sens-up, 128X) B/W : 0.1Lux (50 IRE@F1.6)	
S / N (Y signal)	50dB	
Video Output	CVBS : 1.0Vp-p/75Ω	
LENS		
Zoom Ratio	30X (Optical), 10X (Digital)	
Focal Length	3.3 ~ 99mm (F1.6 ~ 3.2)	
Max. Aperture Ratio	1 : 1.6(Wide) ~ 3.2(Tele)	
Min. Object Distance	1.2m (3.94ft)	
Angular Field of View	H : Approx. 58°(Wide) ~ 2.22°(Tele) / V : Approx. 44.8°(Wide) ~ 1.68°(Tele)	
Focus	Auto / Manual / One-push	
Zoom Movement Speed	5.2sec	
Iris Control	Auto / Manual	
PAN / TILT		
Pan Range	360°	
Pan Speed	Preset : 240°/sec / Manual : 0.5°~120°/sec (Proportional zoom ratio)	
Tilt Range	-4° ~ 184°	
Tilt Speed	Preset : 240°/sec / Manual : 0.5°~120°/sec (Proportional zoom ratio)	
Preset Positions	128	
Preset Accuracy	±0.3°	
PTZ Mode	Preset, Swing, Group, Tour, Trace, A. Pan	
OPERATIONAL		
On Screen Display	Built-in	
Camera Title	On / Off	
ID (Camera Address)	1 ~ 253	
Day & Night	Auto (ICR) / Color / B/W	
Backlight Compensation	On / Off	
Motion Detection	On / Off	
Digital Image Stabilization	On / Off	
Privacy Masking	On / Off (4 Programmable zones)	
Noise Filter (SSNR)	Low / Medium / High / Off	
Sens-up (Frame Integration)	Auto / Off (Selectable limit ~ 128X)	
Gain Control	Low / Medium / High / 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, RS-232C	
Protocol	STW, Pelco-D, Pelco-P, Panasonic, Honeywell, AD, Vicon, SEC, Bosch	
Alarm	4 In, 2 Out	
Auto Digital Flip	On / Off	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C / 20% ~ 80% RH	
Storage Temperature / Humidity	-20°C ~ +60°C/ 20% ~ 95% RH	
MECHANICAL		
Dimension (WxH)	Ø155 x 243.4mm (Ø6.1" x 9.58")	
Weight	2Kg (0.99lb)	
Ingress Protection	IP67 (Optional housing)	