

SPD-1000

1/4" High Resolution, Interior 10X PTZ Camera

Technical Specifications

		SPD-1000N	SPD-1000P
ELECTRICAL			
Included	Input	100V AC ~ 240V AC (50/60HZ)	
Power Supply	Output	12V DC, 4A	
Power Consumption		Max. 6W	
VIDEO			
Imaging Device		1/4" Interline transfer 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	
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@F1.8), 0.005Lux (Sens-up, 128X) B/W : 0.02Lux (50 IRE@F1.8)	
S / N (Y signal)		50dB	
Video Output		CVBS : 1.0Vp-p / 75Ω	
LENS			
Zoom Ratio		10X (Optical), 10X (Digital)	
Focal Length		3.8 ~ 38mm (F1.8)	
Max. Aperture Ratio		1 : 1.6(Wide) ~ 2.8(Tele)	
Min. Object Distance		1.5m (4.92ft)	
Angular Field of View		H : 51.2°(Wide) ~ 5.58°(Tele) / V : 39.3°(Wide) ~ 4.27°(Tele)	
Focus		Auto / Manual / One-push	
Zoom Movement Speed		1.67sec	
Iris Control		Auto / Manual	
PAN / TILT			
Pan Range		350°	
Pan Speed		Preset : 140°/sec / Manual : 0.5° ~ 70°/sec	
Tilt Range		-5° ~ 185°	
Tilt Speed		Preset : 100°/sec / Manual : 0.5° ~ 50°/sec	
Preset Positions		128	
Preset Accuracy		±1.0°	
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	
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	
Protocol		STW, Pelco-D, Pelco-P, Panasonic, Honeywell, AD, Vicon, SEC, Bosch, Sungjin	
Alarm		2 In, 1 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)		Ø140 x 134.8mm (Ø5.51" x 5.31")	
Weight		0.8Kg (1.76 lb)	
Ingress Protection		IP67 (Optional housing)	