

# SID-500

1/4" Day & Night, 10X Zoom Dome Camera

## Technical Specifications

	SID-500N	SID-500P
<b>ELECTRICAL</b>		
Input Voltage	Dual (12V DC/ 24V AC)	
Power Consumption	Max. 5.5W	
<b>VIDEO</b>		
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 Interface	
Synchronization	Internal / Line lock	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 500TV 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	
<b>LENS</b>		
Zoom Ratio	10X (Optical), 10X (Digital)	
Focal Length	3.8 ~ 38mm (F1.8)	
Max. Aperture Ratio	1 : 1.6(Wide) ~ 3.2(Tele)	
Min. Object Distance	1m (3.28ft)	
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	
<b>PAN / TILT / ROTATE</b>		
Pan Range	0° ~ 340°	
Tilt Range	0° ~ 146°	
Rotate Range	0° ~ 340°	
<b>OPERATIONAL</b>		
On Screen Display	Built-in	
Camera Title	On / Off	
Day & Night	Auto (ICR) / Color / B/W	
Backlight Compensation	Low / Medium / High / Off	
Motion Detection	On / Off	
Privacy Masking	On / Off (4 Programmable zones)	
Noise Filter (SSNR)	Low / Medium / High / Off	
Sens-up (Frame Integration)	On / Off (Selectable limit ~ 128X)	
Gain Control	Normal / High / Off	
White Balance	ATW / AWC / Manual	
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	
Alarm	4 In, 2 Out	
Flip	On / Off	
Mirror	On / Off	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +50°C / 20% ~ 80% RH	
Storage Temperature / Humidity	-20°C ~ +60°C / 20% ~ 90% RH	
<b>MECHANICAL</b>		
Dimension (WxH)	Ø130 x 105mm (Ø5.12" x 4.13")	
Weight	640g (1.41 lb)	