

# SDZ-300

1/4" High Resolution, Day & Night 30X Zoom Camera

## Technical Specifications

	SDZ-300N	SDZ-300ND	SDZ-300P	SDZ-300PD
<b>ELECTRICAL</b>				
Input Voltage	Dual (12V DC/24V AC)	12V DC	Dual (12V DC/24V AC)	12V DC
Power Consumption	Max. 5W	Max. 6W	Max. 5W	Max. 6W
<b>VIDEO</b>				
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 : 520TV lines (Min.) / B/W : 570TV lines (Min.)			
Min. Illumination	Color : 0.6Lux (50 IRE@F1.6), 0.004Lux (Sens-up, 128X) B/W : 0.1Lux (50 IRE@F1.6)			
S / N (Y signal)	50dB			
Video Output	CVBS : 1.0Vp-p / 75Ω			
<b>LENS</b>				
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	1m (3.28ft)			
Angular Field of View	H : 58°(Wide) ~ 2.22°(Tele) / V : 44.8°(Wide) ~ 1.68°(Tele)			
Focus	Auto / Manual / One-push			
Zoom Movement Speed	5.2sec			
Iris Control	Auto / Manual			
<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 (Output via communication)			
Digital Image Stabilization	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	Low / Medium / High / Off			
White Balance	ATW (Indoor / Outdoor) / 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			
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 (WxHxD)	64 x 64 x 140mm (2.52" x 2.52" x 5.51")			
Weight	410g (0.9 lb)			
Option	System controller, Remote controller			