



SP 303 / 312

D&N Fast Dome

2.6X / 12X Super High-Resolution

- 2.6X Optical Zoom Lens (2.8 ~ 7.3 mm)
- 12X Optical Zoom Lens (3.8 ~ 45.6 mm)
- Privacy Zone Masking Function
- Higher Horizontal Resolution of 540 TV Line
- Auto Focus Lens
- Horizontal Flip Function
- Auto Panning Function with Auto Scan or Seq. or Tours
- 360° Endless Panning
- Multi-Protocol





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Features

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2.6X Optical Zoom Lens



12X Optical Zoom Lens



OSD



540TV Line



Day & Night



BLC



AGC



Privacy Zone



50dB S/N Ratio



AWB

8 Languages

- English
- French
- German
- Spanish
- Chinese
- Portuguese
- Russian
- Polish

Optical Zoom Lens



Standard



Zoom-in

Day & Night



Day



Night

Privacy Zone



No



Yes



Fast Dome Series

Specifications

2.6X / 12X Day & Night Super High-Resolution Fast Dome Camera Series										
	Model	SP3034N	SP3038N	SP3034P	SP3038P	SP3124N	SP3128N	SP3124P	SP3128P	
General	System	NTSC		PAL		NTSC		PAL		
	Power Supply	AC 24V ±10%	AC 100V ~ 240V	AC 24V ±10%	AC 100V ~ 240V	AC 24V ±10%	AC 100V ~ 240V	AC 24V ±10%	AC 100V ~ 240V	
	Power Consumption	8.5 W								
	Image Pick-up Device	Sony 1/4" Super HAD CCD								
	Effective Pixels	768 (H) x 494 (V)		752 (H) x 582 (V)		768 (H) x 494 (V)		752 (H) x 582 (V)		
	Scanning System	2:1 Interlace								
	Scanning Frequency	15.734 KHz (H) , 59.94 Hz (V)		15.625 KHz (H) , 50 Hz (V)		15.734 KHz (H) , 59.94 Hz (V)		15.625 KHz (H) , 50 Hz (V)		
	Synchronization	Internal								
	Video Output	CVBS 1.0 Vp-p / 75 ΩBNC								
	Horizontal Resolution	Color : 540 TV Lines , Mono : 600 TV Lines								
	Signal to Noise Ratio	More Than 50 dB (AGC : Off)								
	Minimum Illumination	Color : 0.5 Lux at F1.9 , Mono : 0.1 Lux at F1.9		Color : 0.3 Lux at F1.6 , Mono : 0.06 Lux at F1.6		Color : 0.3 Lux at F1.6 , Mono : 0.06 Lux at F1.6		Color : 0.3 Lux at F1.6 , Mono : 0.06 Lux at F1.6		
	Ambient Operation Temperature	- 10°C ~ + 50°C (14°F ~ 122°F)								
	Operating Humidity	0% ~ 90%								
	Dimensions	164 mm (H) x 135 mm (D)								
	Weight	1050g								
Pan & Tilt	Panning Range	360°Endless								
	Panning Mode	Manual , Auto , Manual Position , Sequential Position								
	Panning Speed	Manual Approx. 0.5°/s ~ 90°/s 8 Steps, Preset Approx. 1°/s ~ 120°/s								
	Tilting Range	0°~ 90°								
	Tilting Mode	Manual , Auto , Manual Position , Sequential Position								
	Tilting Speed	Manual Approx. 0.5°/s ~ 90°/s 8 Steps, Preset Approx. 1°/s ~ 120°/s								
Lens	Zoom Ratio	2.6X Optical Zoom			12X Optical Zoom					
	Focal Length	2.8 mm ~ 7.3 mm			3.8 mm ~ 45.6 mm					
	Maximum Aperture Ratio	1 : 1.9 (Wide) ~ 3.1 (Tele)			1 : 1.6 (Wide) ~ 2.7 (Tele)					
	Minimum Object Distance	0.6 m (Tele)			1 m (Tele)					
	Iris Range	F/1.9 ~ F/200			F/1.6 ~ F/360					
	Angle Field of View	Wide : 92.2°(D) 73.4°(H) 54.7°(V) / Tele : 35.8°(D) 28.7°(H) 21.6°(V)			Wide : 65.4°(D) 52.8°(H) 39.7°(V) / Tele : 5.54°(D) 4.49°(H) 3.40°(V)					
Main Function	Control Interface	RS-485 Half-Duplex								
	Control Function	Pan and Tilt and Zoom / Iris / 128 Preset Position / Home Position			Pan and Tilt / Zoom and Focus / Iris and ICR / 128 Preset Position / Home Position					
	Character Display	On / Off (Preset ID : 16 Alphanumeric Characters , Zoom Ratio , Date / Time , Pan / Tilt Angle)								
	Zoom Speed	1 ~ 8 Selectable [8 : Approx. 3.0 Second (Tele to Wide) in Manual Mode]			1 ~ 15 Selectable [15 : Approx. 6.0 Second (Tele to Wide) in Manual Mode]					
	Focus Speed	None			1 ~ 15 Selectable [15 : Approx. 3.0 Second (Far to Near) in Manual Mode]					
	Focus	Pan-focus Zoom			Auto / One Push					
	Iris	ALC (Adjustable Output Target Level)								
	Day & Night	Day (Color) / Night (Mono) / Auto / Schedule								
	Password Lock	Camera Advance / Presets / Privacy Zones / Factory Initial								
	Electronic Shutter Speed	Auto / Manual Selectable (1/60 ~ 1/100,000 sec)		Auto / Manual Selectable (1/50 ~ 1/100,000 sec)		Auto / Manual Selectable (1/60 ~ 1/100,000 sec)		Auto / Manual Selectable (1/50 ~ 1/100,000 sec)		
	Back Light Compensation	On / Off Selectable								
	White Balance	ATW / MWB Selectable								
	Auto Gain Control	0 ~ 36 dB Selectable								
	Auto Mode	OFF / AUTO / SEQ / TOUR								
	Privacy Zone	On / Off Selectable (Up to 4 Zones Settings)								
	Image Mirror	On / Off Selectable								
Schedule Setting	Day & Night / Auto Mode / Daylight Saving Time									

Design and specifications are subject to change without notice.