



Creativity Progress & Excellence

Analog Product





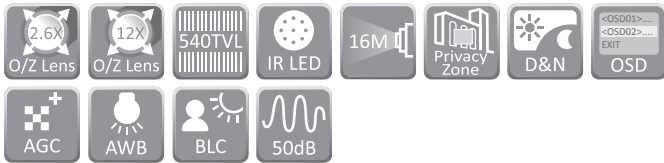
SP203 / SP212

2.6X / 12X IR Speed Dome Camera Series

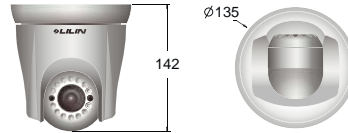


Features

- 2.6X Optical Zoom Lens(2.8 ~ 7.3 mm) /
- 12X Optical Zoom Lens (3.8 ~ 45.6mm)
- Privacy Masking Zone Function
- Higher Horizontal Resolution of 540 TV Lines
- Auto Focus Lens
- Horizontal Flip Function
- Auto Panning Function with Auto Scan or Seq. or Tours
- 360° Endless Panning
- Multi-Protocol
- 8 Languages (English / French / German / Spanish / Chinese / Portuguese / Russian / Polish)



Dimensions 142 mm (H) x 135 mm (D)



(Unit:mm)

Indoor Speed Dome Camera

Name		2.6X / 12X IR Speed Dome Camera Series							
General	Model	SP2034N	SP2038N	SP2034P	SP2038P	SP2124N	SP2128N	SP2124P	SP2128P
		System	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	10 Watts							
	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 Lux (IR On)				Color : 0.3 Lux at F1.6 , Mono : 0 Lux (IR On)			
	Ambient Operation Temperature	- 10°C ~ + 50°C (14°F ~ 122°F)							
	Operating Humidity	0% ~ 90%							
	Infrared LED	Peak Wavelength		850nm					
		Beam Spread		30°					
		Radiant Distance		16M					
	Dimensions	142 mm (H) x 135 mm (D)							
	Weight	1000g							
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							
Lens	Tilting Speed	Manual Approx. 0.5°/s ~ 90°/s 8 Steps, Preset Approx. 1°/s ~ 120°/s							
	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								
Protocol Support	Multi-Protocol								
Schedule Setting	Day & Night / Auto Mode / Daylight Saving Time								