



SP212

Speed Dome Series

12X IR Speed Dome Camera Series



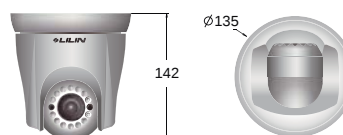
Features

- 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)



Speed Dome Camera

Name		12X IR Speed Dome Camera Series							
General	Model	SP2124N		SP2128N		SP2124P		SP2128P	
	System	NTSC				PAL			
	Power Supply	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)			
	Scanning System	2:1 Interlace							
	Scanning Frequency	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 : 0.3 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	12X Optical Zoom							
	Focal Length	3.8 mm ~ 45.6 mm							
	Maximum Aperture Ratio	1 : 1.6 (Wide) ~ 2.7 (Tele)							
	Minimum Object Distance	1 m (Tele)							
Main Function	Iris Range	F/1.6 ~ F/360							
	Angle Field of View	Wide : 65.4° (D) 52.8° (H) 39.7° (V) / Tele : 5.54° (D) 4.49° (H) 3.40° (V)							
	Control Interface	RS-485 Half-Duplex							
	Control Function	Pan and Tilt / Zoom and Focus / Iris and ICR / 128 Preset Position / HomePosition							
	Character Display	On / Off (Preset ID : 16 Alphanumeric Characters , Zoom Ratio , Date / Time , Pan / Tilt Angle)							
	Zoom Speed	1 ~ 15 Selectable [15 : Approx. 6.0 Second (Tele to Wide) in ManualMode]							
	Focus Speed	1 ~ 15 Selectable [15 : Approx. 3.0 Second (Far to Near) in ManualMode]							
	Focus	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)			
	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								