

**SP 2124/2128**

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



**• 12X Super High Resolution IR Fast Dome Camera**

The New SP212x Series Super High Resolution IR Fast Dome Camera is equipped with a optical 12X(3.8 ~ 45.6mm)AF lens. Horizontal resolution is also significantly higher, 540 lines (typical) in color or 600 lines in Mono. Its also provides images stay clear during night time and sharp in lighting as low as 0.3 Lux (in color) and 0 Lux (in Mono) with ICR Day & Night feature. Its 0.5°/sec. slow speed fine control and powerful zoom let you zoom in smoothly on your subject. In addition, SP212x provides premium features such as 128 presets, 4 privacy zones, ensuring the data protection and security requirement. The SP212x demonstrates the best stability and reliability for your security.

8 Language OSD



12X Optical Zoom Lens



Day & Night



Dynamic Privacy Masking



**Specifications**

✦ 12X Super High Resolution IR Fast Dome Camera Series				
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 Ω BNC			
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			
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			
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)			
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 / Home Position			
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 Manual Mode ]			
Focus Speed	1 ~ 15 Selectable [ 15 : Approx. 3.0 Second ( Far to Near ) in Manual Mode ]			
Auto Focus	Auto / One Push			
Iris	ALC ( Adjustable Output Target Level ) / Manual			
Day & Night	Day (Color) / Night (Mono) / Auto ( ICR Filter Function ) / 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			