



SP 203 / 212

- 2.6X Optical Zoom Lens(2.8 ~ 7.3 mm) / 12X Optical Zoom Lens(3.8 ~ 45.6mm)
- 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



# *IR Fast Dome*

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## *2.6X / 12X Super High Resolution*



## SP 203 / 212



### Features

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2.6X Optical Zoom Lens



12X Optical Zoom Lens



OSD



540TV Line



Day & Night



BLC



AGC



IR LED



Privacy Zone



50dB S/N Ratio

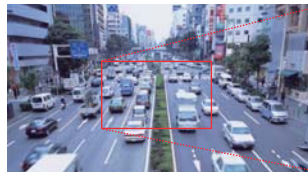


AWB

### 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 Super High Resolution IR Fast Dome Camera Series								
Model	SP2034N	SP2038N	SP2034P	SP2038P	SP2124N	SP2128N	SP2124P	SP2128P
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	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						
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 )	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 )
	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							

Design and specifications are subject to change without notice.