



IPS 203 / 212



Feature

- 2.6X Optical Zoom Lens (2.8 ~ 7.3 mm) / 12X Optical Zoom Lens (3.8 ~ 45.6mm)
- True H.264 AVC/MPEG-4 Part 10 Real-Time Video Compression
- 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
- Free Java Phone, Windows Mobile, and PDA Software Support



2.6X Optical Zoom Lens



OSD



540TV Line



Day & Night



BLC



AGC



AWB



IR LED



Privacy Zone



50dB S/N Ratio



Internet



Onvif

8 Languages

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

Optical Zoom Lens



Standard



Zoom-in

Day & Night

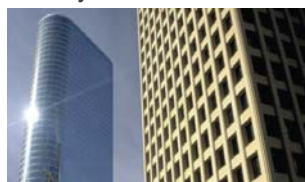


Day

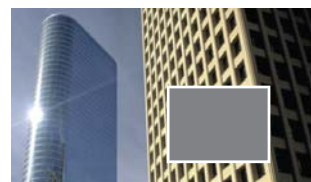


Night

Privacy Zone



No



Yes

Operational HTML Page Layout



Specifications

2.6X / 12X Super High Resolution IR Fast Dome Camera Series										
General	Model		IPS2034N	IPS2038N	IPS2034P	IPS2038P	IPS2124N	IPS2128N	IPS2124P	IPS2128P
	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		13 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℃ ~ + 50℃ (14℉ ~ 122℉)							
	Operating Humidity		0% ~ 90%							
	Infrared LED	Peak Wavelength	850nm							
		Beam Spread	30°							
		Radiant Distance	16M							
Dimensions		142 mm (H) x 135 mm (D)								
Weight		1100g								
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				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)		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							

Notice: Please refer appendixes 1 to see network function specifications.
Design and specifications are subject to change without notice.

Peripheral Products



IJ5048D 50W(PoE Injector)



SL4012D 40W(PoE Splitter)