



PIH 2222 / 2242 / 2226 / 2246

Camera Series
Dome Camera

PIH 232X / 234X / 2342X / 2346X

Color Dome Camera
Dual Voltage Varifocal Color Dome Camera

Voltage Resistant Varifocal Camera
Vandal Resistant Varifocal Day & Night Camera



PIH 2222
PIH 2242



PIH 2342X
PIH 2346X



Features

- Weather & Impact Resistant Design
- Tamper-Proof Screws
- 3-Axis Camera Construction
- Special Circuit to Avoid Color Rolling
- Polycarbonate Dome Cover & Aluminum Die-Cast Housing
- RCA Video Connector for Easy Adjustment on Site
- Built-in Infrared Cut Filter and Built-in 4.2X Vari-Focal Lens (PIH-2342X/2346X)
- Built-in 4.2X and 2.4X Vari-Focal Lens Support 4–9 mm Lens option (PIH-232X/234X/2342X/2346X)

Dimensions Dome: Ø91.8, Base & Fix Ring: Ø136 x 55mm (Unit:mm)



Weatherproof Dome Camera																		
Name		Color Dome Camera				Dual Voltage Varifocal Color Dome Camera				Vandal Resistant Varifocal Camera				Vandal Resistant Varifocal Day & Night Camera				
Series Number		PIH-2222/2242				PIH-2226/2246				PIH-232X/234X				PIH-2342X/2346X				
Type		Standard Resolution		Super High Resolution		Standard Resolution		Super High Resolution		Standard Resolution		Super High Resolution		Super High Resolution				
Model	NTSC	PIH-2222N6	PIH-2222N3.6	PIH-2242N6	PIH-2242N3.6	PIH-2226N6	PIH-2226N3.6	PIH-2246N6	PIH-2246N3.6	PIH-2322XN	PIH-2326XN	PIH-2342XN	PIH-2346XN	PIH-2342XWN	PIH-2342XSN	PIH-2346XWN	PIH-2346XSN	
	PAL	PIH-2222P6	PIH-2222P3.6	PIH-2242P6	PIH-2242P3.6	PIH-2226P6	PIH-2226P3.6	PIH-2246P6	PIH-2246P3.6	PIH-2322XP	PIH-2326XP	PIH-2342XP	PIH-2346XP	PIH-2342XWP	PIH-2342XSP	PIH-2346XWP	PIH-2346XSP	
Focal Length		6.0 mm	3.6 mm	6.0 mm	3.6 mm	6.0 mm	3.6 mm	6.0 mm	3.6 mm	2.8~12mm				2.8~12mm	9~22 mm	2.8~12mm	9~22 mm	
Iris		F1.8	F2.0	F1.8	F2.0	F1.8	F2.0	F1.8	F2.0	F1.2				F1.2	F1.4	F1.2	F1.4	
Lens	Angle of View	H	44.5°	73°	44.5°	73°	44.5°	73°	44.5°	73°	99.6° ~ 24.9°				99.6° ~ 24.9°	32.1° ~ 13.1°	99.6° ~ 24.9°	32.1° ~ 13.1°
		V	33.1°	54.5°	33.1°	54.5°	33.1°	54.5°	33.1°	54.5°	73.2° ~ 18.8°				73.2° ~ 18.8°	23.3° ~ 9.8°	73.2° ~ 18.8°	23.3° ~ 9.8°
		D	56°	92°	56°	92°	56°	92°	56°	92°	128.5° ~ 31.0°				128.5° ~ 31.0°	41.9° ~ 16.3°	128.5° ~ 31.0°	41.9° ~ 16.3°
Power Supply		DC12V±10%				AC24V or DC12V±10%				DC12V±10%	AC24V/DC12V±10%	DC12V±10%	AC24V/DC12V±10%	DC12V±10%		AC 24V / DC12V±10%		
Image Pick-up Device		Sony 1/3" Super HAD CCD Sensor																
Effective Pixels	NTSC	510 (H) x 492 (V)		768 (H) x 494 (V)		510 (H) x 492 (V)		768 (H) x 494 (V)		510 (H) x 492 (V)		768 (H) x 494 (V)		510 (H) x 492 (V)		768 (H) x 494 (V)		
	PAL	500 (H) x 582 (V)		752 (H) x 582 (V)		500 (H) x 582 (V)		752 (H) x 582 (V)		500 (H) x 582 (V)		752 (H) x 582 (V)		500 (H) x 582 (V)		752 (H) x 582 (V)		
Chip Size		5.59mm(H) x 4.68mm(V)																
H/V Sync.	NTSC	15.734KHz / 59.94Hz																
Frequency	PAL	15.625KHz / 50Hz																
Scanning System		2:1 Interlace																
Sync. Mode		Internal																
Infrared Cut Filter		-												Auto Selectable / Automatic Switch from Color Mode to Monochrome				
Resolution		420 TV Lines		540TV Lines		420 TV Lines		540TV Lines		420 TV Lines		540TV Lines		540TV Lines				
Minimum Illumination		0.2 Lux / F1.8		0.5 Lux / F1.8		0.2 Lux / F1.8		0.5 Lux / F1.8		0.01 Lux / F1.2		0.03 Lux / F1.2		Color : 0.03 Lux at F1.2	Color : 0.07 Lux at F1.6	Color : 0.03 Lux at F1.2	Color : 0.07 Lux at F1.6	
S/N Ratio		More than 50dB (AGC Off)																
Auto Gain Control		36dB Variable Gain																
White Balance		ATW																
Aperture Gain Correction		Horizontal , Vertical																
Electronic Shutter		1/60(1/50)S ~ 1/100,000S (Auto)																
Back Light Compensation		Auto																
Video Output		CVBS 1.0Vp-p / 75Ω BNC																
Gamma Characteristic		γ=0.45																
Power Consumption		2.2 W				2.5W (DV12V) , 2.0W (AC24V)				2.2W	3W (DV12V), 2.5W (AC24V)	2.2W	3W(DV12V), 2.5W (AC24V)	2.2W (DC12V)		3.0W (DV12V) , 2.5W (AC24V)		
Vandal Proof		Withstand a blow from a 10lbs Sledgehammer																
IP Rating		IP 68																
Operating Temperature		-35°C~+50°C (-31°F~122°F)																
Dimension		Dome: Ø91.8, Base&Fix Ring: Ø136 x 55 mm																
Weight		1200g																