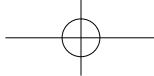


Camera

Design and specifications are subject to change without notice. 7



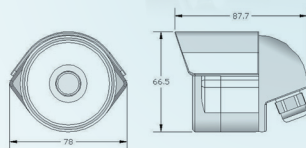
IR Camera



PIH 0012

- ✦ Adopt "Special Optical Low Pass Filter"
- ✦ High Efficiency IR LED: Radiant Distance 18M
- ✦ Automatically Activates LED: Below 10 Lux
- ✦ Aluminum Housing with IP 68 Rating
- ✦ Unique Front Glass Design Separates Lens from IR LEDs
- ✦ High Sensitivity Sensor, Excellent Picture Quality
- ✦ Optional 3.6, 4.3, & 6.0mm Lens

Dimension Unit:mm



Day & Night



BLC



AGC



AWB



IP Rated



IR LED

Specifications

✦ IR Camera - Outdoor and Indoor

Name			18M IR Camera		
Series Number			PIH-0012		
Type			Standard Resolution		
Model		NTSC	PIH-0012N6	PIH-0012N4.3	PIH-0012N3.6
		PAL	PIH-0012P6	PIH-0012P4.3	PIH-0012P3.6
Lens	Focal Length		6.0 mm	4.3 mm	3.6 mm
	Iris		F1.8	F2.0	
	Angle of View	H	44.5°	62.4°	73°
		V	33.1°	46.8°	54.5°
		D	56°	78°	92°
Power Supply			DC12V ± 10%		
Image Pick-up Device			Sony 1/3" Super HAD CCD Sensor		
Effective Pixels	NTSC		510 (H) x 492 (V)		
	PAL		500 (H) x 582 (V)		
Chip size			5.59mm(H) x 4.68mm(V)		
H/V Sync. Frequency	NTSC		15.734KHz / 59.94Hz		
	PAL		15.625KHz / 50Hz		
Scanning System			2:1 Interlace		
Sync. Mode			Internal		
Resolution			380TV Lines		
Min. Illumination			0.2 Lux / F1.8 (0 Lux with IR On)		
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			4.8W		
Infrared LED	Peak Wavelength		850nm		
	Beam Spread		30°		
	Radiant Distance		18M		
Window			Φ59 Heat Resistant Glass		
IP Rating			IP 68		
Operating Temperature			-10℃ ~ + 50℃ (14°F ~122°F)		
Dimension			78mm (W) x 66.5mm (H) x 88mm (D)		
Weight			340g		

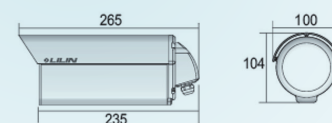
Design and specifications are subject to change without notice. 27

PIH 012/014

- ✦ High Efficiency Jack IR LED with 0.25W Output Power: Radiant Distance 40M
- ✦ Indoor / Outdoor applications
- ✦ Adopts "Special Optical Low Pass Filter"
- ✦ Aluminum PCB for fast heat dissipation
- ✦ Automatically activates LED, when light drops below 10 Lux
- ✦ Aluminum housing with IP66 rating
- ✦ Unique Front Glass Design Separates Lens from IR LEDs
- ✦ Choice of 6, 8, 12 and 16mm lenses
- ✦ Optional Heater: On < 15 °C (59 °F) / Off >25 °C (77 °F)
- ✦ Operating Temp: -30 °C ~+ 50 °C (-22 °F ~+122 °F)



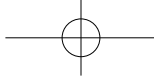
Dimension Unit:mm



Specifications

✦ IR Camera - Outdoor

Name			Ultrahigh Sensitivity 40M IR Camera											
Series Number			PIH-012/014											
Type			Standard Resolution						Super High Resolution					
Model		NTSC	PIH-0124N6	PIH-0128N6	PIH-0124N8	PIH-0128N8	PIH-0128N12	PIH-0128N16	PIH-0144N6	PIH-0148N6	PIH-0144N8	PIH-0148N8	PIH-0148N12	PIH-0148N16
		PAL	PIH-0124P6	PIH-0128P6	PIH-0124P8	PIH-0128P8	PIH-0128P12	PIH-0128P16	PIH-0144P6	PIH-0148P6	PIH-0144P8	PIH-0148P8	PIH-0148P12	PIH-0148P16
Lens	Focal Length		6.0 mm		8.0 mm		12.0 mm	16.0 mm	6.0 mm		8.0 mm		12.0 mm	16.0 mm
	Iris		F1.8		F2.0		F2.0	F2.0	F1.8		F2.0		F2.0	F2.0
	Angle of View	H	44.5°		32°		22.4°	16°	44.5°		32°		22.4°	16°
		V	33.1°		24°		16.8°	12°	33.1°		24°		16.8°	12°
		D	56°		40°		28°	20°	56°		40°		28°	20°
Power Supply			AC24V ±10%	AC 90V ~260V	AC24V ±10%	AC 90V ~260V max.			AC24V ±10%	AC 90V ~260V	AC24V ±10%	AC 90V ~260V max.		
Image Pick-up Device			Sony 1/3" Super HAD CCD Sensor											
Effective Pixels		NTSC	510 (H) x 492 (V)						768 (H) x 494 (V)					
		PAL	500 (H) x 582 (V)						752 (H) x 582 (V)					
Chip size			5.59mm(H) x 4.68mm(V)											
H/V Sync. Frequency		NTSC	15.734KHz / 59.94Hz											
		PAL	15.625KHz / 50Hz											
Scanning System			2:1 Interlace											
Sync. Mode			Internal											
Resolution			380TV Lines						540TV Lines					
Min. Illumination			0.01 Lux / F1.8(0 Lux With IR On)						0.05 Lux / F1.8(0 Lux With IR On)					
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			10W											
Window			Φ 88 Heat Resistant Glass											
Infrared LED	Peak Wavelength		850nm											
	Radiant Distance		25M(f=6mm) / 30M(f=8mm) / 35M (f=12mm) / 40M (f=16mm)											
	Beam Spread		20°											
IP Rating			IP 66											
Operating Temperature			-10℃ ~ + 50℃ (14°F ~122°F)											
Dimension			Φ 100 x 235 mm											
Weight			1500g											

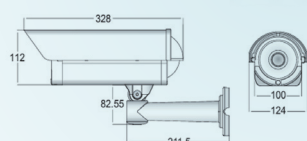


IR Camera

LILIN



Dimension Unit:mm



PIH 036X/038X

- ✦ Radiant Distance Up to 60M
- ✦ Cable Managed Housing and Bracket
- ✦ High Sensitivity CCD Sensor
- ✦ High Quality ED Glass Lenses
- ✦ Perfect Solution for Day / Night Applications
- ✦ IP66 Weather Rating
- ✦ Automatically Activates LED: Below 10 Lux
- ✦ Choice of Resolutions and Lenses
- ✦ High Quality Optical Glass Construction
- ✦ Unique Front Glass Design Separates Lens from IR LEDs



IR Cut Filter



Day & Night



BLC



AGC



AWB



IP Rated



IR LED



540 TV Line

Specifications

✦ IR Camera - Outdoor

Name		Varifocal IR Camera									
Series Number		PIH-036X/038X									
Type		Standard Resolution				Super High Resolution					
Model		NTSC	PIH-0364XWN	PIH-0364XSN	PIH-0368XWN	PIH-0368XSN	PIH-0384XWN	PIH-0384XSN	PIH-0388XWN	PIH-0388XSN	
		PAL	PIH-0364XWP	PIH-0364XSP	PIH-0368XWP	PIH-0368XSP	PIH-0384XWP	PIH-0384XSP	PIH-0388XWP	PIH-0388XSP	
Lens	Focal Length	3.3~12 mm		9~22 mm		3.3~12 mm		9~22 mm		3.3~12 mm	
	Iris	F1.4									
	Angle of View	H	89.8° ~ 23.9°	32.1° ~ 13.1°	89.8° ~ 23.9°	32.1° ~ 13.1°	89.8° ~ 23.9°	32.1° ~ 13.1°	89.8° ~ 23.9°	32.1° ~ 13.1°	
		V	63.6° ~ 17.9°	23.3° ~ 9.8°	63.6° ~ 17.9°	23.3° ~ 9.8°	63.6° ~ 17.9°	23.3° ~ 9.8°	63.6° ~ 17.9°	23.3° ~ 9.8°	
		D	125.7° ~ 29.9°	41.9° ~ 16.3°	125.7° ~ 29.9°	41.9° ~ 16.3°	125.7° ~ 29.9°	41.9° ~ 16.3°	125.7° ~ 29.9°	41.9° ~ 16.3°	
Power Supply		AC24V±10%			AC 90V ~ 260V max.			AC24V±10%		AC 90V ~ 260V max.	
Image Pick-up Device		Sony 1/3" Exview HAD CCD Sensor					Sony 1/3" Super HAD CCD Sensor				
Effective Pixels	NTSC	510 (H) x 492 (V)					768 (H) x 494 (V)				
	PAL	500 (H) x 582 (V)					752 (H) x 582 (V)				
Chip size		6.00mm(H) x 4.96mm(V)					5.59mm(H) x 4.68mm(V)				
H/V Sync. Frequency	NTSC	15.734KHz / 59.94Hz									
	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		380TV Lines					540TV Lines				
Min. Illumination		Color: 0.02 Lux(F1.4) , 0 Lux With IR On / Mono: 0.005 Lux (F1.4) Color: 0.05 Lux(F1.4) , 0 Lux With IR On / Mono: 0.01 Lux (F1.4)									
S/N Ratio		More than 50dB (AGC Off)									
Auto Gain Control		36dB Variable Gain									
White Balance		ATW									
Aperture Gain Correction		Horizontal , Vertical									
Back Light Compensation		Auto									
Video Output		CVBS 1.0Vp-p/75Ω BNC									
Gamma Characteristic		γ =0.45									
Power Consumption		14W									
Windows		Φ 78 Heat Resistant Glass									
Infrared LED	Peak Wavelength	850nm									
	Radiant Distance	50M	60M	50M	60M	50M	60M	50M	60M		
	Beam Spread	30°									
Power Consumption		IP 66									
Operating Temperature		-10℃ ~ + 50℃ (14°F ~122°F)									
Dimension		Body: 120mm(W) x 112mm(H) x 328mm(D) / Bracket:211.5mm (L)									
Weight		2000g									

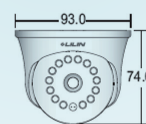
Design and specifications are subject to change without notice. 29

PIH 042/044

- ❖ Avoid IR Reflection to Provide Perfect Video
- ❖ Adopt "Special Optical Low Pass filter"
- ❖ High Efficiency IR LED: Radiant Distance 16M
- ❖ Automatically Activates LED: Below 10 Lux
- ❖ High Sensitivity Sensor, Excellent Picture Quality
- ❖ Optional 3.6, 4.3, 6.0, & 8.0mm Lens



Dimension Unit:mm

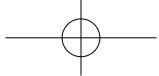


Specifications

IR Camera - Outdoor

Name			Mini Dome IR Camera			
Series Number			PIH-042/044			
Type			Standard Resolution		Super High Resolution	
Model		NTSC	PIH-0422N6	PIH-0422N3.6	PIH-0442N6	PIH-0442N4.3
		PAL	PIH-0422P6	PIH-0422P3.6	PIH-0442P6	PIH-0442P4.3
Lens	Focal Length		6.0 mm	3.6 mm	6.0 mm	4.3 mm
	Iris		F1.4	F2.0	F1.4	F2.0
	Angle of View	H	44.5°	73°	44.5°	62.4°
		V	33.1°	54.5°	33.1°	46.8°
		D	56°	92°	56°	78°
Power Supply			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)	
		PAL	500 (H) x 582 (V)		752 (H) x 582 (V)	
Chip size			5.59mm(H) x 4.68mm(V)			
H/V Sync. Frequency		NTSC	15.734KHz / 59.94Hz			
		PAL	15.625KHz / 50Hz			
Scanning System			2:1 Interlace			
Sync. Mode			Internal			
Resolution			380TV Lines		540TV Lines	
Min. Illumination			0.2 Lux / F1.8 (0 Lux With IR On)		0.5 Lux / F1.8 (0 Lux With IR On)	
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			3W			
Infrared LED	Peak Wavelength		850nm			
	Beam Spread		30°			
	Radiant Distance		16M			
Operating Temperature			-10℃ ~ + 50℃ (14°F ~122°F)			
Dimension			Φ93 x 74 mm			
Weight			300g			

Design and specifications are subject to change without notice.



IR Camera

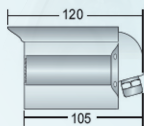
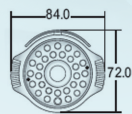
LILIN



PIH 052/054

- High Efficiency IR LED; Radiant Distance 21M
- Adopts "Special Optical Low Pass Filter"
- Automatically Activates LED: Below 10 Lux.
- Aluminum Housing with IP 68 Rating
- High Sensitivity Sensor, Excellent Picture Quality
- Optional 3.6, 6.0 and 8mm lenses

Dimension Unit:mm



Day & Night



BLC



AGC



AWB



IP Rated



IR LED



540 TV Line

Specifications

IR Camera - Outdoor and Indoor

Name			21M IR Camera			
Series Number			PIH-052/054			
Type			Standard Resolution		Super High Resolution	
Model		NTSC	PIH-0522N6	PIH-0522N3.6	PIH-0542N6	PIH-0542N3.6
		PAL	PIH-0522P6	PIH-0522P3.6	PIH-0542P6	PIH-0542P3.6
Lens	Focal Length		6.0 mm	3.6 mm	6.0 mm	3.6 mm
	Iris		F1.8	F2.0	F1.8	F2.0
	Angle of View	H	44.5°	73°	44.5°	73°
		V	33.1°	54.5°	33.1°	54.5°
		D	56°	92°	56°	92°
Power Supply			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)	
		PAL	500 (H) x 582 (V)		752 (H) x 582 (V)	
Chip size			5.59mm(H) x 4.68mm(V)			
H/V Sync. Frequency		NTSC	15.734KHz / 59.94Hz			
		PAL	15.625KHz / 50Hz			
Scanning System			2:1 Interlace			
Sync. Mode			Internal			
Resolution			380TV Lines		540TV Lines	
Min. Illumination			0.2 Lux / F1.8 (0 Lux withIROn)		0.5 Lux / F1.8 (0 Lux withIROn)	
S/N Ratio			More than 50dB (AGC Off)			
Auto Gain Control			36dB Variable Gain			
White Balance			ATW			
Aperture Gain Correction			Horizontal , Vertical			
Electronic Shutter			1/60S(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			4.3W			
Infrared LED	Peak Wavelength		850nm			
	Beam Spread		30°			
	Radiant Distance		21M			
IP Rating			IP 68			
Operating Temperature			-10℃ ~ + 50℃ (14°F ~122°F)			
Dimension			Φ84 x 105 mm			
Weight			500g			

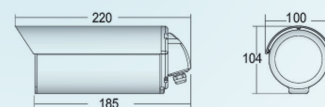
Design and specifications are subject to change without notice. 31

PIH 062/064

- High Efficiency IR LED; Radiant Distance 30M
- Outdoor Application
- Adopts "Special Optical Low Pass Filter", No Focus Shift
- Monochrome Image at Night, No Color Noise
- Automatically Activates LED: Below 10 Lux.
- Aluminum Housing with IP 66 Rating
- Optional 4.3, 6.0, 8.0, 12.0 & 16.0mm lens



Dimension Unit:mm

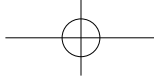


Specifications

IR Camera - Outdoor

Name				30M IR Camera							
Series Number				PIH-062/064							
Type				Standard Resolution				Super High Resolution			
Model		NTSC	PIH-0624N8	PIH-0628N8	PIH-0624N6	PIH-0628N6	PIH-0644N8	PIH-0648N8	PIH-0644N6	PIH-0648N6	
		PAL	PIH-0624P8	PIH-0628P8	PIH-0624P6	PIH-0628P6	PIH-0644P8	PIH-0648P8	PIH-0644P6	PIH-0648P6	
Lens	Focal Length		8.0 mm		6.0 mm		8.0 mm		6.0 mm		
	Iris		F2.0		F1.8		F2.0		F1.8		
	Angle of View	H	32°		44.5°		32°		44.5°		
		V	24°		33.1°		24°		33.1°		
		D	40°		56°		40°		56°		
Power Supply			AC24V ±10%	AC 90V ~ 260Vmax.	AC24V ±10%	AC 90V ~ 260Vmax.	AC24V ±10%	AC 90V ~ 260Vmax.	AC24V ±10%	AC 90V ~ 260Vmax.	
Image Pick-up Device				Sony 1/3" Super HAD CCD Sensor							
Effective Pixels		NTSC	510 (H) x 492 (V)				768 (H) x 494 (V)				
		PAL	500 (H) x 582 (V)				752 (H) x 582 (V)				
Chip size				5.59mm(H) x 4.68mm(V)							
H/V Sync. Frequency		NTSC	15.734KHz / 59.94Hz								
		PAL	15.625KHz / 50Hz								
Scanning System				2:1 Interlace							
Sync. Mode				Internal							
Resolution				380TV Lines			540TV Lines				
Min. Illumination				0.01 Lux / F1.8 (0 Lux With IR On)			0.05 Lux / F1.8 (0 Lux With IR On)				
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				10W							
Windows				Φ88Heat Resistant Glass							
Infrared LED	Peak Wavelength		850nm								
	Radiant Distance		30M								
	Beam Spread		30°								
Power Consumption				IP 66							
Operating Temperature				-10℃ ~ + 50℃ (14°F ~122°F)							
Dimension				Φ100 x 185 mm							
Weight				1180g							

Design and specifications are subject to change without notice.



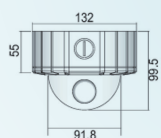
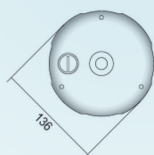
IR Camera

LILIN

PIH 0742X/0746X

- ✦ Radiant Distance Up to 21M
- ✦ Aspherical Varifocal Lens
- ✦ High Quality ED Glass Lens
- ✦ IP 68 Rating
- ✦ Impact Resistant Polycarbonate Dome Cover
- ✦ Tamper Proof Screws
- ✦ Test Monitor Connection Inside
- ✦ Choice of Lenses
- ✦ Automatically Activates LED: Below 10 Lux

Dimension Unit:mm



Specifications

✦ Vandal Resistant Camera

Name			Vandal Resistant Varifocal IR Dome Camera			
Series Number			PIH-0742X/0746X			
Type			Super High Resolution			
Model		NTSC	PIH-0742XWN	PIH-0742XSN	PIH-0746XWN	PIH-0746XSN
		PAL	PIH-0742XWP	PIH-0742XSP	PIH-0746XWP	PIH-0746XSP
Lens	Focal Length		2.9~10 mm	9~22 mm	2.9~10 mm	9~22 mm
	Iris		F1.2	F1.5	F1.2	F1.5
	Angle of View	H	94.6° ~ 28.8°	30.6° ~ 13°	94.6° ~ 28.8°	30.6° ~ 13°
		V	68.4° ~ 21.6°	22.6° ~ 9.8°	68.4° ~ 21.6°	22.6° ~ 9.8°
		D	125° ~ 36°	39.2° ~ 16.4°	125° ~ 36°	39.2° ~ 16.4°
Power Supply		DC12V ± 10%			AC 24V / DC12V ± 10%	
Image Pick-up Device			Sony 1/3" Super HAD CCD Sensor			
Effective Pixels	NTSC		768 (H) x 494 (V)			
	PAL		752 (H) x 582 (V)			
Chip size			5.59mm(H) x 4.68mm(V)			
H/V Sync. Frequency	NTSC		15.734KHz / 59.94Hz			
	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			540TV Lines			
Min. Illumination			Color: 0.05 Lux(F1.2) , 0Lux (With IR On) ; Mono: 0.01 Lux(F1.2)			
S/N Ratio			More than 50dB (AGC Off)			
Auto Gain Control			36dB Variable Gain			
White Balance			ATW			
Aperture Gain Correction			Horizontal , Vertical			
Back Light Compensation			Auto			
Video Output			CVBS 1.0Vp-p/75Ω BNC			
Gamma Characteristic			γ =0.45			
Power Consumption			4.3W(DV12V)		6.2W(DV12V) ; 4.5W(AV24V)	
Vandal Proof			Withstand a blow from a 10lbs Sledgehammer			
IP Rating			IP 68			
Operating Temperature			-10℃ ~ + 50℃ (14°F ~122°F)			
Dimension			Dome : Φ91.8 , Base & Fix Ring : Φ136 x 55 mm			
Weight			1200g			

Design and specifications are subject to change without notice. 33

CMR 12/15 Series

- Standard Resolution (380 TV Lines) / Super High Resolution (540 TV Lines)
- High Efficiency IR LED ($\Phi 5 \times 28$ Pcs) ; Radiant Distance 25M
- Aluminum Housing with IP 68 Rating
- Housing and Bracket are Integrated
- Innovatory External Adjustment with Waterproof for Zoom and Focus of Vari-Focal Lens
- With ICR & IR LED



Dimension Unit:mm

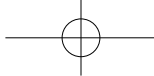


Specifications

IR Camera

Name			D/N Vari-Focal IR Camera							
Series Number			CMR12/15 Series							
Type			Standard Resolution				Super High Resolution			
Model			CMR124X3.6N/P	CMR128X3.6N/P	CMR124X2.2N/P	CMR128X2.2N/P	CMR154X3.6N/P	CMR158X3.6N/P	CMR154X2.2N/P	CMR158X2.2N/P
Lens	Focal Length		3.3 ~ 12mm		4 ~ 9mm		3.3 ~ 12mm		4 ~ 9mm	
	Iris		F1.4		F1.6		F1.4		F1.6	
	Angle of View	H	89.8° ~ 23.9°		69° ~ 30.7°		89.8° ~ 23.9°		69° ~ 30.7°	
		V	63.6° ~ 17.9°		51° ~ 23°		63.6° ~ 17.9°		51° ~ 23°	
		D	125.7° ~ 29.9°		86° ~ 38.5°		125.7° ~ 29.9°		86° ~ 38.5°	
Power Supply			AC24V±10%	AC100V~240V	AC24V±10%	AC100V~240V	AC24V±10%	AC100V~240V	AC24V±10%	AC100V~240V
System			NTSC or PAL							
Image Pick-up Device			Sony 1/3" Exview HAD CCD Sensor				Sony 1/3" Super HAD CCD Sensor			
Effective Pixels	NTSC		510(H) x 492(V)				768(H) x 494(V)			
	PAL		500(H) x 582(V)				752(H) x 582(V)			
Chip size			6.00mm(H) x 4.96mm(V)				5.59mm(H) x 4.68mm(V)			
H/V Sync.	NTSC		15.734 KHz / 59.94Hz							
Frequency	PAL		15.625 KHz / 50Hz							
Scanning System			2:1 Interlace							
Sync. Mode			Internal							
Infrared Cut Filter			Auto Selectable, Automatic Switch From Color Mode To Monochrome		None		Auto Selectable, Automatic Switch From Color Mode To Monochrome		None	
Resolution			Color: 380 TV Lines , Mono: 450 TV Lines				Color: 540 TV Lines , Mono: 600 TV Lines			
Min. Illumination			Color: 0.02 Lux / F1.4		Color: 0.03 Lux / F1.6		Color: 0.05 Lux / F1.4		Color: 0.07 Lux / F1.6	
			Mono: 0.005 Lux / F1.4		Mono: 0.007 Lux / F1.6		Mono: 0.01 Lux / F1.4		Mono: 0.015 Lux / F1.6	
			0 Lux With IR On							
S/N Ratio			More than 50dB (AGC-Off)							
Auto Gain Control			36dB Variable Gain							
White Balance			ATW							
Aperture Gain Correction			Horizontal, Vertical							
Back Light Compensation			Auto							
Video Output			CVBS 1.0Vp-p/75Ω							
Gamma Characteristic			γ =0.45							
Power Consumption			7.2W							
Infrared LED	Peak Wavelength		850nm							
	Beam Spread		30°							
	Radiant Distance		25M							
Window			Φ61 Heat Resistant Glass							
IP Rating			IP68							
Operating Temperature			-10℃ ~ + 50℃ (14°F ~122°F)							
Dimension			100mm(W) x 88mm(H) x 250mm(D)							
Weight			700g							

Design and specifications are subject to change without notice.



IR Camera

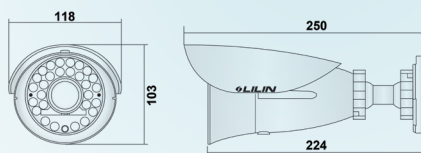
LILIN



CMR 22/25 Series

- ⊕ Standard Resolution (380 TV Lines) / Super High Resolution (540 TV Lines)
- ⊕ High Efficiency IR LED ($\Phi 5 \times 32$ Pcs + $\Phi 8 \times 10$ Pcs) ; Radiant Distance 35M
- ⊕ Aluminum Housing with IP 68 Rating
- ⊕ Housing and Bracket are Integrated
- ⊕ Innovatory External Adjustment with Waterproof for Zoom and Focus of Vari-Focal Lens
- ⊕ With ICR & IR LED

Dimension Unit:mm



Specifications

⊕ IR Camera

Name			D/N Vari-Focal IR Camera							
Series Number			CMR22/25 Series							
Type			Standard Resolution				Super High Resolution			
Model			CMR224X3.6	CMR228X3.6	CMR224X2.2	CMR228X2.2	CMR254X3.6	CMR258X3.6	CMR254X2.2	CMR258X2.2
Lens	Focal Length		3.3 ~ 12mm		4 ~ 9mm		3.3 ~ 12mm		4 ~ 9mm	
	Iris		F1.4		F1.6		F1.4		F1.6	
	Angle of View	H	89.8° ~ 23.9°		69° ~ 30.7°		89.8° ~ 23.9°		69° ~ 30.7°	
		V	63.6° ~ 17.9°		51° ~ 23°		63.6° ~ 17.9°		51° ~ 23°	
		D	125.7° ~ 29.9°		86° ~ 38.5°		125.7° ~ 29.9°		86° ~ 38.5°	
Power Supply			AC24V±10%	AC100V~240V	AC24V±10%	AC100V~240V	AC24V±10%	AC100V~240V	AC24V±10%	AC100V~240V
System			NTSC or PAL							
Image Pick-up Device			Sony 1/3" Exview HAD CCD Sensor				Sony 1/3" Super HAD CCD Sensor			
Effective Pixels	NTSC		510(H) x 492(V)				768(H) x 494(V)			
	PAL		500(H) x 582(V)				752(H) x 582(V)			
Chip size			6.00mm(H) x 4.96mm(V)				5.59mm(H) x 4.68mm(V)			
H/V Sync.	NTSC		15.734 KHz / 59.94Hz							
Frequency	PAL		15.625 KHz / 50Hz							
Scanning System			2:1 Interlace							
Sync. Mode			Internal							
Infrared Cut Filter			Auto Selectable, Automatic Switch From Color Mode To Monochrome		None		Auto Selectable, Automatic Switch From Color Mode To Monochrome		None	
Resolution			Color: 380 TV Lines , Mono: 450 TV Lines				Color: 540 TV Lines , Mono: 600 TV Lines			
Min. Illumination			Color: 0.02 Lux / F1.4		Color: 0.03 Lux / F1.6		Color: 0.05 Lux / F1.4		Color: 0.07 Lux / F1.6	
			Mono: 0.005 Lux / F1.4		Mono: 0.007 Lux / F1.6		Mono: 0.01 Lux / F1.4		Mono: 0.015 Lux / F1.6	
			0 Lux With IR ON							
S/N Ratio			More than 50dB (AGC-OFF)							
Auto Gain Control			36dB Variable Gain							
White Balance			ATW							
Aperture Gain Correction			Horizontal, Vertical							
Back Light Compensation			Auto							
Video Output			CVBS 1.0Vp-p/75Ω							
Gamma Characteristic			γ =0.45							
Power Consumption			7.2W							
Infrared LED	Peak Wavelength		850nm							
	Beam Spread		30°							
	Radiant Distance		35M							
Window			Φ 79 Heat Resistant Glass							
IP Rating			IP68							
Operating Temperature			-10℃ ~ + 50℃ (14°F ~122°F)							
Dimension			118mm(W) x 103mm(H) x 250mm(D)							
Weight			730g							

Design and specifications are subject to change without notice. 35