



## 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



# Waterproof

## D&N Vari-Focal IR Camera



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IR Cut Filter Day & Night

BLC

AGC

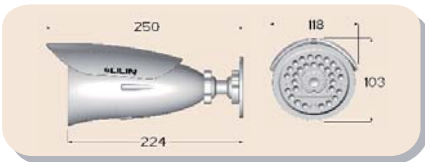


IP Rated

IR LED

AWB

Vari-Focal



## Specifications

		IR Camera								
		D/N Vari-Focal IR Camera								
		CMR22/25 Series								
Type		Standard Resolution				Super High Resolution				
Model			CMR224X3.6N	CMR228X3.6N	CMR224X2.2N	CMR228X2.2N	CMR254X3.6N	CMR258X3.6N	CMR254X2.2N	CMR258X2.2N
			CMR224X3.6P	CMR228X3.6P	CMR224X2.2P	CMR228X2.2P	CMR254X3.6P	CMR258X3.6P	CMR254X2.2P	CMR258X2.2P
Lens	Focal Length	3.3 ~ 12mm		4 ~ 9mm		3.3 ~ 12mm		4 ~ 9mm		
	Iris	F1.5		F1.6		F1.5		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%	
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 / F1.5		Color: 0.03 Lux / F1.6		Color: 0.05 Lux / F1.5		Color: 0.07 Lux / F1.6			
	Mono: 0.005 Lux / F1.5		Mono: 0.007 Lux / F1.6		Mono: 0.01 Lux / F1.5		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	γ=0.45									
Characteristic										
Power Consumption	7.2W									
Infrared LED	Peak Wavelength	850nm								
	Beam Spread	30°								
	Radiant Distance	35M								
Window	Φ79 Heat Resistant Glass									
IP Rating	IP68									
Operating Temperature	-10°C ~ + 50°C (14°F ~122°F)									
Dimension	118mm(W) x 103mm(H) x 250mm(D)									
Weight	730g									

Design and specifications are subject to change without notice.