



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



Waterproof

D&N Vari-Focal IR Camera

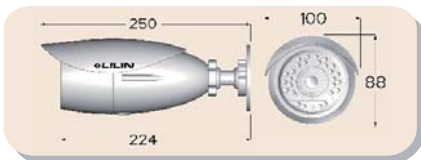


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Features

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Specifications

| | | IR Camera | | | | | | | |
|--------------------------|---|--------------------------|-------------------------|---|--------------------------------|-----------------------|-------------------------|--------------------|--------------------|
| | | D/N Vari-Focal IR Camera | | | | | | | |
| | | CMR12/15 Series | | | | | | | |
| | | Standard Resolution | | | | Super High Resolution | | | |
| Model | | CMR124X3.6N | CMR128X3.6N | CMR124X2.2N | CMR128X2.2N | CMR154X3.6N | CMR158X3.6N | CMR154X2.2N | CMR158X2.2N |
| | | CMR124X3.6P | CMR128X3.6P | CMR124X2.2P | CMR128X2.2P | CMR154X3.6P | CMR158X3.6P | CMR154X2.2P | CMR158X2.2P |
| 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° | V 63.6° ~ 17.9° | D 125.7° ~ 29.9° | H 69° ~ 30.7° | V 51° ~ 23° | D 86° ~ 38.5° | H 89.8° ~ 23.9° | V 63.6° ~ 17.9° |
| 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) | | | | |
| HV 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 | | |
| S/N Ratio | 0 Lux With IR On | | | | | | | | |
| Auto Gain Control | More than 50dB (AGC-Off) | | | | | | | | |
| White Balance | 36dB Variable Gain | | | | | | | | |
| Aperture Gain Correction | ATW | | | | | | | | |
| Back Light Compensation | Horizontal, Vertical | | | | | | | | |
| Video Output | Auto | | | | | | | | |
| Gamma Characteristic | CVBS 1.0Vp-p/75Ω | | | | | | | | |
| Power Consumption | γ=0.45 | | | | | | | | |
| Infrared LED | Peak Wavelength | 7.2W | | | | | | | |
| | Beam Spread | 850nm | | | | | | | |
| | Radiant Distance | 30° | | | | | | | |
| | Window | 25M | | | | | | | |
| IP Rating | Φ61 Heat Resistant Glass | | | | | | | | |
| Operating Temperature | IP68 | | | | | | | | |
| Dimension | -10°C ~ + 50°C (14°F ~122°F) | | | | | | | | |
| Weight | 100mm(W) x 88mm(H) x 250mm(D) | | | | | | | | |
| | 700g | | | | | | | | |

