



# CMR 7384X / 7388X

Camera Series  
IR Camera

D/N ATR 700TVL Vari-Focal IR Camera



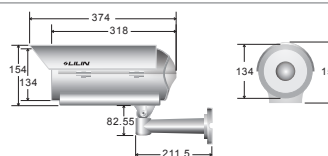
## Features

- Resolution of 700TV Lines
- Adaptive Tone Reproduction(ATR)
- Noise Reduction(2D-NR)
- High Light Compensation(HLC)
- Color Rolling Suppression(ANTI CR)
- Day & Night (IR Cut Removable)
- White Balance
- On Screen Display(OSD)
- Privacy Zone
- Radiant Distance Up to 100M
- Built-in 10X Megapixel Vari-Focal Lens



**Dimensions** Body: 146mm(W) x 154mm(H) x 374mm(D)

Bracket:211.5mm (L)  
(Unit:mm)



| Weatherproof IR Camera     |                  |                                                                                     |               |
|----------------------------|------------------|-------------------------------------------------------------------------------------|---------------|
| Name                       |                  | D/N ATR 700TVL Vari-Focal IR Camera                                                 |               |
| Series Number              |                  | CMR7384X / 7388X                                                                    |               |
| Model                      |                  | CMR7384X10N/P                                                                       | CMR7388X10N/P |
| Lens                       | Focal Length     | 5 – 50mm                                                                            |               |
|                            | Iris             | F1.4                                                                                |               |
|                            | Angle of View    | H                                                                                   | 51.5° – 6.5°  |
|                            |                  | V                                                                                   | 37.5° – 5.0°  |
|                            | D                | 6 5° – 8.1                                                                          |               |
| Power Supply               |                  | AC24V (±10%)                                                                        | AC100–240V    |
| Pick Up Element            |                  | Sony 1/3" Exview HAD CCD Sensor                                                     |               |
| Effective Pixels           | NTSC             | 976(H) x 494(V) [NTSC]                                                              |               |
|                            | PAL              | 976(H) x 582(V) [PAL]                                                               |               |
| Chip Size                  |                  | 5.58mm(H) x 4.67mm(V)                                                               |               |
| H/V Sync.                  | NTSC             | 15.734 KHz / 59.94Hz [NTSC]                                                         |               |
| Frequency                  | PAL              | 15.625 KHz / 50Hz [PAL]                                                             |               |
| Scanning System            |                  | 2:1 Interlace                                                                       |               |
| Menu Control               |                  | OSD Control                                                                         |               |
| Sync. Mode                 |                  | Internal                                                                            |               |
| Infrared Cut Filter        |                  | Auto Selectable, Automatic Switch From Color Mode to Monochrome                     |               |
| Resolution                 |                  | Color: 700TV Lines, Mono: 750TV Lines                                               |               |
| Minimum Illumination       | Color            | 0.045Lux / F1.4                                                                     |               |
|                            | Mono             | 0.009Lux / F1.4                                                                     |               |
|                            | IR On            | 0Lux                                                                                |               |
| S/N Ratio                  |                  | More Than 50dB (AGC-OFF)                                                            |               |
| Auto Gain Control          |                  | AUTO / MANUAL                                                                       |               |
| White Balance              |                  | ATW / PUSH / USER1 / USER2 / ANTI CR / MANUAL / PUSH LOCK                           |               |
| Electronic Shutter         | Auto             | 1/60(1/50)S – 1/100,000S                                                            |               |
|                            | Manual           | 1/60(1/50)S, 1/100(1/120)S, 1/250S, 1/500S, 1/1,000S, 1/2,000S, 1/4,000S, 1/10,000S |               |
| Adaptive Tone Reproduction | Luminance        | LOW / MID / HIGH                                                                    |               |
|                            | Contrast         | LOW / MIDLOW / MID / MIDHIGH / HIGH                                                 |               |
| Back Light Compensation    |                  | BLC / HLC(High Light Compensation) / OFF                                            |               |
| Noise Reduction            |                  | Y / C / Y / C / O F F                                                               |               |
| Picture Adjust             |                  | MIRROR / BRIGHTNESS / CONTRAST / SHARPNESS / HUE / GAIN                             |               |
| Privacy Masking            |                  | ON / OFF                                                                            |               |
| Privacy Masking Zone       |                  | 8 Zones                                                                             |               |
| OSD Language               |                  | ENGLISH/JAPANESE/GERMAN/FRENCH/RUSSIAN/PORTUGUESE/SPANISH/SIMPLY CHINESE            |               |
| Video Output               |                  | CVBS 1.0Vp-p, 75 Ohm                                                                |               |
| Gamma Characteristic       |                  | γ=0.45                                                                              |               |
| Power Consumption          |                  | 22W                                                                                 |               |
| Operating Temperature      |                  | -35°C–+50°C (-31°F–122°F)                                                           |               |
| IP Rating                  |                  | IP66                                                                                |               |
| Windows                    |                  | Φ110 Heat Resistant Glass                                                           |               |
| Blower Control             |                  | On:35°C , Off:25°C                                                                  |               |
| Heater Control             |                  | On:15°C , Off:25°C                                                                  |               |
| InfraredLED                | Peak Wavelength  | 850nm                                                                               |               |
|                            | Radiant Distance | 100M                                                                                |               |
|                            | Beam Spread      | 10° + 30°                                                                           |               |
| Dimension                  |                  | Body:146mm(W) x 154mm(H) x 374mm(D), Bracket: 211.5mm(L)                            |               |
| Weight                     |                  | 3700g                                                                               |               |