



**Creativity Progress & Excellence**

Analog Product





# CMR 7484X / 7488X

Camera Series

IR Camera

## D/N ATR 700TVL Vari-Focal IR Camera

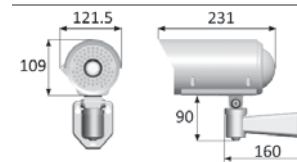


### Features

- Resolution Of 700TV Lines
- Shutter (AGC)
- Auto Tracking White Balance (ATW)
- Color Rolling Suppression (ANTI CR)
- High Light Compensation(HLC)
- Picture Adjust(Pict Adjust)
- Adaptive Tone Reproduction (ATR)
- Privacy Zone
- Noise Reduction (NR)
- On Screen Display(OSD)
- Radiant Distance Up To 50M



Dimensions Body:121.5mm(W) x 109mm(H) x 231mm(D),



Bracket: 160mm(L)  
(Unit:mm)

### Weatherproof IR Camera

| Name                                  |                  | D/N ATR 700TVL Vari-Focal IR Camera   |                |                |   |                |                                       |               |                |                |               |  |
|---------------------------------------|------------------|---|----------------|----------------|---|----------------|---------------------------------------|---------------|----------------|----------------|---------------|--|
| Series Number                         |                  | CMR7484X / 7488X  |                |                |   |                |                                       |               |                |                |               |  |
| Model                                 |                  | CMR7484X2.2N/P  | CMR7484X2.5N/P | CMR7488X2.2N/P | CMR7488X2.5N/P  | CMR7484X3.6N/P | CMR7484X2.4N/P                        | CMR7484X10N/P | CMR7488X3.6N/P | CMR7488X2.4N/P | CMR7488X10N/P |  |
| Lens                                  | Focal Length     | 4~9mm   | 8~20mm         | 4~9mm          | 8~20mm  | 3.3~12mm       | 9~22mm                                | 5 ~ 50mm      | 3.3~12mm       | 9~22mm         | 5 ~ 50mm      |  |
|                                       | Iris             | F1.4  |                |                |   |                |                                       |               |                |                |               |  |
| Angle of view                         | H                | 69°~30.7°   | 33°~14.5°      | 69°~30.7°      | 33°~14.5°   | 89.8°~23.9°    | 32.1°~13.1°                           | 51.5° ~ 6.5°  | 89.8°~23.9°    | 32.1°~13.1°    | 51.5° ~ 6.5°  |  |
|                                       | V                | 51°~23°   | 25°~11°        | 51°~23°        | 25°~11°   | 63.6°~17.9°    | 23.3°~9.8°                            | 37.5° ~ 5.0°  | 63.6°~17.9°    | 23.3°~9.8°     | 37.5° ~ 5.0°  |  |
|                                       | D                | 86°~38.5°   | 41.5°~18.2°    | 86°~38.5°      | 41.5°~18.2°   | 125.7°~29.9°   | 41.9°~16.3°                           | 65° ~ 8.1°    | 125.7°~29.9°   | 41.9°~16.3°    | 65° ~ 8.1°    |  |
| Power Input Voltage                   |                  | AC24V (±10%)  |                |                | AC100~240V  |                |                                       | AC24V (±10%)  |                |                | AC100~240V    |  |
| Pick Up Element                       |                  | Sony 1/3" Exview HAD CCD Sensor   |                |                |   |                |                                       |               |                |                |               |  |
| Effective Pixels                      |                  | 976(H) x 494(V) [NTSC]<br>976(H) x 582(V) [PAL]                                     |                |                |   |                |                                       |               |                |                |               |  |
| Chip Size                             |                  | 5.58mm(H) x 4.67mm(V)   |                |                |   |                |                                       |               |                |                |               |  |
| Horizontal & Vertical Sync. Frequency |                  | 15.734 KHz / 59.94Hz [NTSC]<br>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                            |                  | 700TV Lines   |                |                |   |                | Color: 700TV Lines, Mono: 750TV Lines |               |                |                |               |  |
| Minimum Illumination                  | Color            | 0.045Lux / F1.4   |                |                |   |                | 0.045Lux / F1.4                       |               |                |                |               |  |
|                                       | Mono             |   |                |                |   |                | 0.009Lux / F1.4                       |               |                |                |               |  |
|                                       | IR On            | 0Lux  |                |                |   |                | 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/GERMANS/FRENCH/RUSSIAN/PORTUGUESE/SPANISH/SIMPLY CHINESE           |                |                |   |                |                                       |               |                |                |               |  |
| Video Output                          |                  | CVBS 1.0Vp-p, 75 Ohm  |                |                |   |                |                                       |               |                |                |               |  |
| Gamma Characteristic                  |                  | γ=0.45  |                |                |   |                |                                       |               |                |                |               |  |
| Power Consumption                     |                  | 9.5W  |                | 12W            |   | 9.5W           |                                       |               |                | 12W            |               |  |
| Operating Temperature                 |                  | -35°C~+50°C (-31°F~122°F)   |                |                |   |                |                                       |               |                |                |               |  |
| IP Rating                             |                  | IP66  |                |                |   |                |                                       |               |                |                |               |  |
| Window                                |                  | Ø92 Heat Resistant Glass  |                |                |   |                |                                       |               |                |                |               |  |
| Infrared LED                          | Peak Wavelength  | 850nm   |                |                |   |                |                                       |               |                |                |               |  |
|                                       | Beam Spread      | 30°   |                |                |   |                |                                       |               |                |                |               |  |
|                                       | Radiant Distance | 50M   |                |                |   |                |                                       |               |                |                |               |  |
| Dimension                             |                  | Body:121.5mm(W) x 109mm(H) x 231mm(D), Bracket: 160mm(L)                            |                |                |   |                |                                       |               |                |                |               |  |
| Weight                                |                  | 1500g   |                |                |   |                |                                       |               |                |                |               |  |