

## CVIOD-ELE4IR28

### 4MP Elite HD-CVI IR Dome Security Camera w 2.8mm lens

- Max 30fps@4MP
- 2.8mm Fixed Lens
- IR range to 98 feet
- IP67 weather proof



|                              |                                                         |
|------------------------------|---------------------------------------------------------|
| <b>Megapixels:</b>           | <b>4</b>                                                |
| <b>Max Resolution:</b>       | <b>4MP (2560×1440)</b>                                  |
| <b>Image Resolutions:</b>    | <b>4MP (2560×1440)/1080P(1920×1080)/720P(1280× 720)</b> |
| <b>Image Sensor:</b>         | <b>1/3 inch CMOS</b>                                    |
| <b>Min Illumination:</b>     | <b>0.03Lux/F2.0, 30IRE, 0Lux IR on</b>                  |
| <b>LEDs:</b>                 | <b>12</b>                                               |
| <b>IR Distance:</b>          | <b>98 feet</b>                                          |
| <b>OSD:</b>                  | <b>Yes</b>                                              |
| <b>Operating Temperature</b> | <b>-40°F ~ +140°F / Less than 90% RH</b>                |
| <b>Dimension:</b>            | <b>3.68in x 3.68in x 3.13in</b>                         |
| <b>Power:</b>                | <b>12V DC ±25%</b>                                      |



CVIOD-ELE4IR28

| Technical Specification  |                                             |
|--------------------------|---------------------------------------------|
| Camera                   |                                             |
| Image Sensor             | 1/3" CMOS                                   |
| Effective Pixels         | 2688(H)×1520(V), 4.1MP                      |
| Scanning System          | Progressive                                 |
| Electronic Shutter Speed | PAL: 1/25~1/100000s<br>NTSC: 1/30~1/100000s |
| Minimum Illumination     | 0.03Lux/F2.0, 30IRE, 0Lux IR on             |
| S/N Ratio                | More than 65dB                              |
| IR Distance              | Up to 30m (98feet)                          |
| IR On/Off Control        | Auto / Manual                               |
| IR LEDs                  | 12                                          |

|                      |                         |
|----------------------|-------------------------|
| Lens                 |                         |
| Lens Type            | Fixed lens / Fixed iris |
| Mount Type           | Board-in                |
| Focal Length         | 2.8mm                   |
| Max Aperture         | F2.0                    |
| Angle of View        | H: 84.8° (99.7°/52.5°)  |
| Focus Control        | N/A                     |
|                      | 1100mm (800mm/2200mm)   |
| Close Focus Distance | 43.3" (31.5"/86.6")     |

DORI Distance

Note: The DORI distance is a “general proximity” of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

|           | DORI Definition      | Distance                                                   |
|-----------|----------------------|------------------------------------------------------------|
| Detect    | 25px/m<br>(8px/ft)   | 2.8mm: 63m(208ft)<br>3.6mm: 80m(262ft)<br>6mm: 117m(385ft) |
| Observe   | 63px/m<br>(19px/ft)  | 2.8mm: 25m(83ft)<br>3.6mm: 32m(105ft)<br>6mm: 47m(154ft)   |
| Recognize | 125px/m<br>(38px/ft) | 2.8mm: 13m(42ft)<br>3.6mm: 16m(53ft)<br>6mm: 23m(77ft)     |
| Identify  | 250ppm<br>(76px/ft)  | 2.8mm: 6m(21ft)<br>3.6mm: 8m(26ft)<br>6mm: 12m(39ft)       |

Pan / Tilt / Rotation

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Pan/Tilt/Rotation | Pan: 0° ~ 360°<br>Tilt: 0° ~ 90°<br>Rotation: 0° ~ 360° |
|-------------------|---------------------------------------------------------|

Video

|              |                                                                             |
|--------------|-----------------------------------------------------------------------------|
| Resolution   | 4MP (2560×1440)                                                             |
| Frame Rate   | 25/30fps@4MP, 25/30fps@1080P, 25/30fps@720P                                 |
| Video Output | 1-channel BNC high definition video output / CVBS video output (Can switch) |

|                 |                     |
|-----------------|---------------------|
| Day/Night       | Auto (ICR) / Manual |
| OSD Menu        | Multi-language      |
| BLC Mode        | BLC / HLC / DWDR    |
| WDR             | DWDR                |
| Gain Control    | AGC                 |
| Noise Reduction | 2D                  |
| White Balance   | Auto / Manual       |
| Smart IR        | Auto / Manual       |

Certifications

|                |                                                                                                                                   |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Certifications | CE (EN55032, EN55024, EN50130-4)<br>FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014)<br>UL (UL60950-1+CAN/CSA C22.2 No.60950-1) |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------|

Interface

|                 |     |
|-----------------|-----|
| Audio Interface | N/A |
|-----------------|-----|

Eelectrical

|                   |                          |
|-------------------|--------------------------|
| Power Supply      | 12V DC ±25%              |
| Power Consumption | Max 3.2W (12V DC, IR on) |

Environmental

|                                       |                                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------------|
| Operating Conditions                  | -40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH<br>* Start up should be done at above -40°C (-40°F) |
| Storage Conditions                    | -40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH                                                     |
| Ingress Protection &Vandal Resistance | IP67                                                                                                  |

Construction

|              |                               |
|--------------|-------------------------------|
| Casing       | Aluminium                     |
| Dimensions   | Φ93.4mm×79.4mm (Φ3.68"×3.13") |
| Net Weight   | 0.28kg (0.62lb)               |
| Gross Weight | 0.35kg (0.77lb)               |

