

# TZ10X0614V

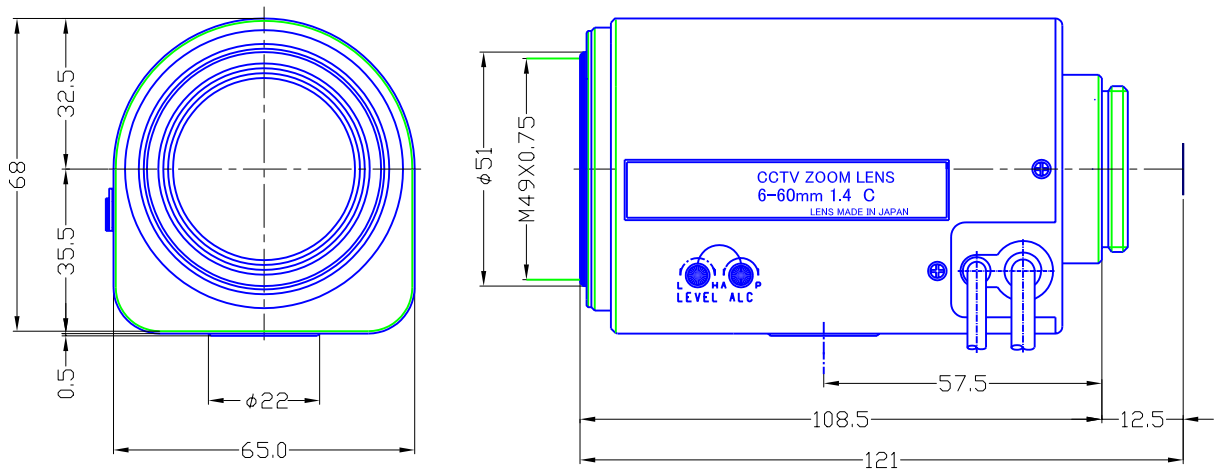
|                           |   |                 |               |               |         |  |
|---------------------------|---|-----------------|---------------|---------------|---------|--|
| Type                      | AI ZOOM                                 |                 | Mount         | CS            |         |  |
| Focal Length              | 6~60mm                                  |                 | Back Focus    | 12.98mm       |         |  |
| Fno.                      | F1.4                                    |                 | Mechanical Bf | 12.5mm        |         |  |
| Designed Image Format     | 1/3"(3.6x4.8mm)                         |                 | Exit Pupil    | 30.35mm       |         |  |
| Operation Range           | Iris                                    | F1.4-F360       | Filter Size   | M49x0.75mm    |         |  |
|                           | Focus                                   | 1m ~ ∞          | Aperture      | Front         | ∅40.0mm |  |
|                           | Zoom                                    | 6~60mm          |               | Rear          | ∅12.6mm |  |
| Control                   | Iris                                    | DC Galvanometer | Dimention     | 68x65x108.5mm |         |  |
|                           | Focus                                   | DC Motor        |               | Weight        | 455g    |  |
|                           | Zoom                                    | DC Motor        |               |               |         |  |
| Object Size at MOD        | Wide                                    | 610 x 829mm     |               |               |         |  |
|                           | Tele                                    | 59x 77mm        |               |               |         |  |
| Field of View             | D                                       | 54.4°~5.4°      | 1/4"          | 41.1°~4.35°   |         |  |
|                           | H                                       | 43.4°~4.6°      | 1/3"          | 33.0°~3.51°   |         |  |
|                           | V                                       | 33.0°~3.5°      |               | 24.8°~2.56°   |         |  |
| Control                   | Iris                                    | Focus           | Zoom          |               |         |  |
| Driving Coil/Supply Volt. | 182Ω                                    | DC 6-12V        | DC 6-12V      |               |         |  |
| Damping Coil/Current      | 1145Ω                                   | 60mA or less    | 60mA or less  |               |         |  |
| Response Time             | -                                       | 1 - 2 sec.      | 1 - 2 sec.    |               |         |  |
| Potentiometer             | -                                       | 10KΩ VR         | 10KΩ VR       |               |         |  |
| Light Measuring Method    | Average to Peak(Factory set at Average) |                 |               |               |         |  |
| Input Signal              | Video Signal (V or VS)                  |                 |               |               |         |  |
| Iris Accuracy             | ±15% at Video Signal Level              |                 |               |               |         |  |
| Sensitivity Adjustment    | 0.4~1.0Vp-p(Video Signal)               |                 |               |               |         |  |
| Operating Temperature     | -10°C~+50°C                             |                 |               |               |         |  |

1/3"

CS

CSV

## DIMENSIONS



## Wiring Diagram

1) 3-core Cable for Auto Iris

|       |       |
|-------|-------|
| RED   | + 12V |
| WHITE | Video |
| BLACK | GND   |

2) 4-core Cable for Focus / Zoom Control

|        |           |                  |              |
|--------|-----------|------------------|--------------|
| Black  | Focus (+) | Far to Near (-)  | Near to Far  |
| Green  | Focus (-) | Far to Near (+)  | Near to Far  |
| Yellow | Zoom (+)  | Wide to Tele (-) | Tele to Wide |
| Red    | Zoom (-)  | Wide to Tele (+) | Tele to Wide |