

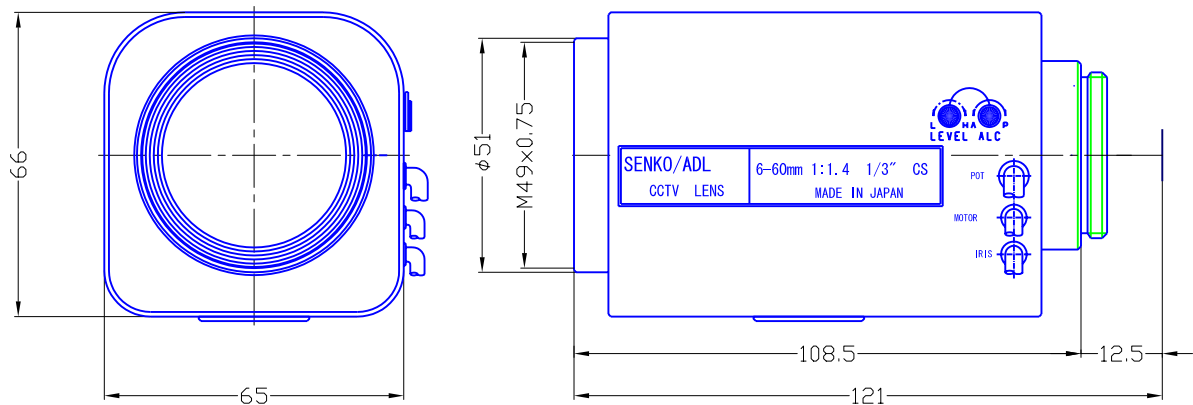
|                           |   |                 |               |               |         |  |
|---------------------------|---|-----------------|---------------|---------------|---------|--|
| Type                      | AI ZOOM                                 |                 | Mount         | CS            |         |  |
| 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-T360       | Filter Size   | M49x0.75mm    |         |  |
|                           | Focus                                   | 1m ~ infinity   | Aperture      | Front         | ∅40.0mm |  |
|                           | Zoom                                    | 6~60mm          |               | Rear          | ∅12.6mm |  |
| Control                   | Iris                                    | DC Galvanometer | Dimension     | 68x65x108.5mm |         |  |
|                           | Focus                                   | DC Motor        |               | Weight        | 505g    |  |
|                           | Zoom                                    | DC Motor        |               |               |         |  |
| Object Size at MOD        | Wide                                    | 610 x 829mm     |               | CS            |         |  |
|                           | Tele                                    | 59x 77mm        |               |               |         |  |
| Field of View             | D                                       | 54.4°~5.4°      | 1/4"          | 41.1°~4.35°   |         |  |
|                           | H                                       | 43.4°~4.6°      |               | 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 ~ +50 Celsius                       |                 |               |               |         |  |

1/3"

CS

CSVP

## DIMENSIONS



## Wiring Diagram

1) 3-core Cable for Auto Iris

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

3) 6-core Cable for Potentiometer to control zooming and focusing

|        |       |     |                                |
|--------|-------|-----|--------------------------------|
| Green  | Focus | (+) | Far to Near<br>(≒9.5 - 0.5KΩ)  |
| Blue   | Focus | (-) |                                |
| Purple | Focus | (-) | Wide to Tele<br>(≒9.5 - 0.5KΩ) |
| Grey   | Zoom  | (+) |                                |
| White  | Zoom  | (-) |                                |
| Black  | Zoom  | (-) |                                |

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 |