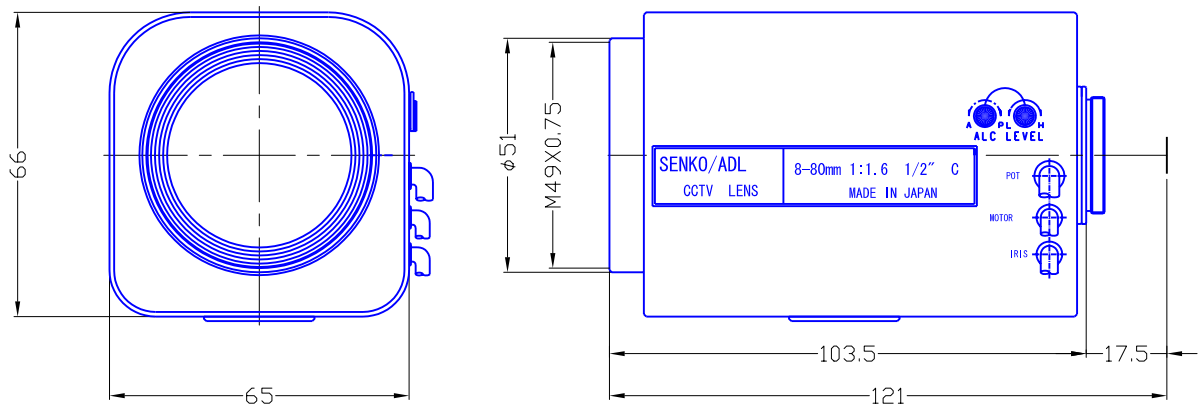


| | | | | | | |
|---------------------------|---|-----------------|--------------|---------------|---------|--|
| Type | AI ZOOM | Mount | C | 1/2" | | |
| Focal Length | 8.0~80mm | Back Focus | 16.49mm | | | |
| Fno. | F1.6 | Mechanical Bf | 17.5mm | | | |
| Designed Image Format | 1/2"(4.8x6.4mm) | Exit Pupil | 123.8mm | | | |
| Operation Range | Iris | F1.6-T360 | Filter Size | M49x0.75mm | | |
| | Focus | 1m ~ infinity | Aperture | Front | ∅40.0mm | |
| | Zoom | 8.0~80mm | | Rear | ∅12.8mm | |
| Control | Iris | DC Galvanometer | Dimension | 68x65x103.5mm | | |
| | Focus | DC Motor | | Weight | 505g | |
| | Zoom | DC Motor | | | | |
| Object Size at MOD | Wide | 564 x760mm | | | | |
| | Tele | 46 x 60mm | | | | |
| Field of View | D | 54.0°~5.6° | 1/3" | 41.0°~4.35° | | |
| | H | 43.4°~4.6° | | 32.9°~3.51° | | |
| | V | 32.8°~3.5° | | 24.8°~2.65° | | |
| 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 | | | | | |

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 (≒9.5 - 0.5KΩ) |
| Blue | Focus | (-) | |
| Purple | Focus | (-) | Wide to Tele (≒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 |