

HZ20X0816VPIR

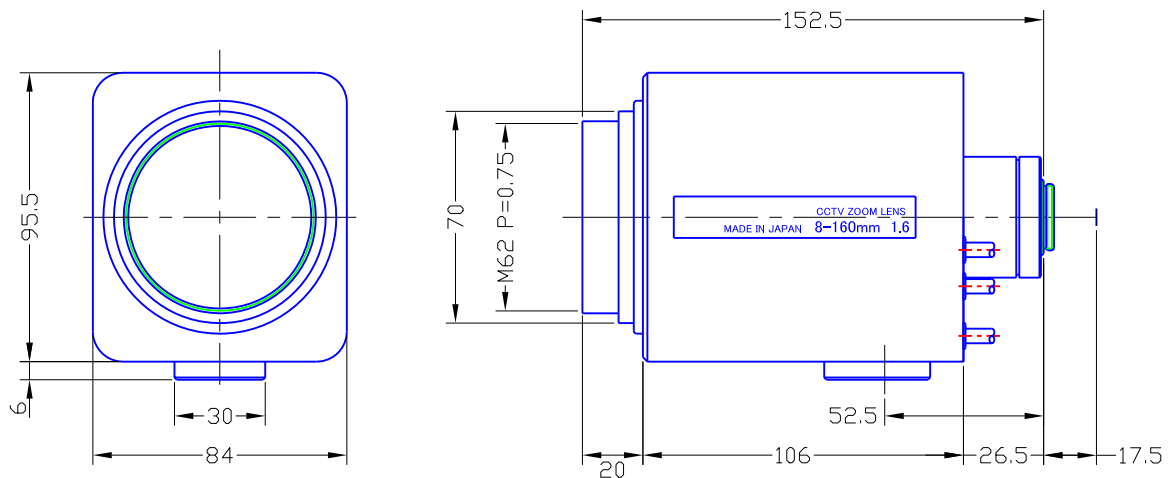
| | | | | | | |
|---------------------------|---|---------------|---------------|-----------------|----------|--|
| Type | AI ZOOM | | Mount | C | | |
| Focal Length | 8~160mm | | Back Focus | 14.06mm | | |
| Fno. | F1.6 | | Mechanical Bf | 17.5mm | | |
| Designed Image Format | 1/2"(4.8x6.4mm) | | Exit Pupil | -451.26mm | | |
| Operation Range | Iris | F1.6-F1000 | Filter Size | M62x0.75mm | | |
| | Focus | 1.5m ~ ∞ | Aperture | Front | ∅ 58 mm | |
| | Zoom | 8~160mm | | Rear | ∅ 12.1mm | |
| Control | Iris | DC Motor | Dimention | 84x95.5x152.5mm | | |
| | Focus | DC Motor | | Weight | 1400g | |
| | Zoom | DC Motor | | | | |
| Object Size at MOD | Wide | 829 x1099mm | | | | |
| | Tele | 43.0 X 57.0mm | | | | |
| Field of View | D | 51.8°~28.2° | 1/3" | 40.2°~2.14° | | |
| | H | 42.7°~2.28° | | 32.7°~1.72° | | |
| | V | 32.7°~1.72° | | 24.7°~1.30° | | |
| Control | Iris | Focus | Zoom | | | |
| Driving Coil/Supply Volt. | DC 8.5-16V | DC 6-12V | DC 6-12V | | | |
| Damping Coil/Current | 60mA or less | 60mA or less | 60mA or less | | | |
| Response Time | about 3 sec. | 9 - 18 sec. | 6.5 - 13 sec. | | | |
| Potentiometer | 10KΩ VR | 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 | | | | | |

1/2"

C

CVP

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 |

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

| | | |
|--------|-----------|--------------|
| Green | Focus (+) | Far to Near |
| Blue | Focus | (10KΩ ±15%) |
| Purple | Focus (-) | |
| Gray | Zoom (+) | Wide to Tele |
| White | Zoom | (10KΩ ±15%) |
| Black | Zoom (-) | |