# D8×7.8A-YE2

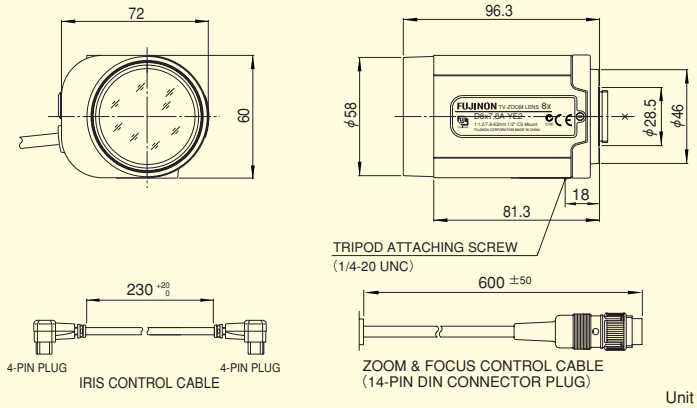
Applicable camera (model)

1 | 2/3 | 1/2 | 1/3 | 1/4

ZOOM Zoom | WIDE Wide Angle | MOTOR DRIVE Motor Drive | DC DC Auto Iris | CS-mt CS Mount | METAL Metal Mount | PRESET Potentio Meter | ND ND Filter | F1.2 Wide Aperture Rate

8×

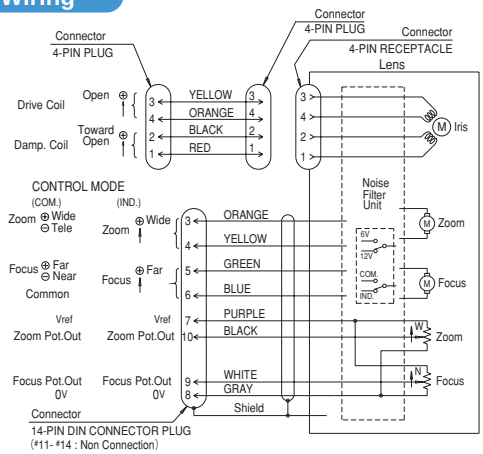
- Standard zoom lens with excellent cost performance.
- Wide aperture of F1.2, providing optimal performance under low light intensity.
- Compact and lightweight design, allowing easy storage into small housings.
- Built-in ND filter of T400, providing support for high sensitivity cameras.
- Multi power compatibility (6V, ±6V, 12V, ±12V), for use with existing control systems.



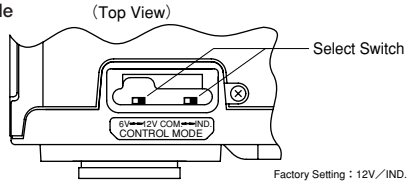

Unit : mm

| | | | |
|---|---|---|---|
| Focal Length (mm) | | | 7.8~63 (8×) |
| Iris Range | | | F1.2 ~ T400 (Equivalent to F400) |
| Operation | Zoom | | Motor Drive |
| | Focus | | Motor Drive |
| | Iris | | Auto (DC Type) (*1) |
| Angle Of View (H×V) | 1/2" | WIDE | 44°37′ × 34°12′ |
| | | TELE | 5°49′ × 4°22′ |
| | 1/3" | WIDE | 34°12′ × 25°59′ |
| | | TELE | 4°22′ × 3°16′ |
| | 1/4" | WIDE | 25°59′ × 19°38′ |
| | | TELE | 3°16′ × 2°27′ |
| Focusing Range (From Front Of The Lens) (m) | | | ∞ ~ 1.2 |
| Object Dimensions at M.O.D. (H×V) (mm) | 1/2" | WIDE | 944 × 708 |
| | | TELE | 117 × 88 |
| | 1/3" | WIDE | 708 × 531 |
| | | TELE | 88 × 66 |
| | 1/4" | WIDE | 531 × 398 |
| | | TELE | 66 × 49 |
| Back Focal Distance (in air) (mm) | | | 14.00 |
| Exit Pupil Position (From Image Plane) (mm) | | | −55 |
| Filter Thread (mm) | | | M55 × 0.75 |
| Mount | | | CS |
| Mass (g) | | | 400 |
| Coil Resistance | | | Drive Coil 200Ω<br>Damping Coil 700Ω |
| Current Consumption | | | 22mA (Max.) at DC 4V |
| Standard Accessories | | | Iris Control Cable |
| Remarks | | | • With Metal Mount<br>(*1) When power is turned off, iris will automatically be closed. |

## Wiring




Control Mode (Top View)




Factory Setting : 12V/IND.

| Controller output | Select switch position |
|---|---|
| 6V | 6V/IND. |
| ±6V | 6V/COM. |
| 12V | 12V/IND. |
| ±12V | 12V/COM. |

## Accessories

■Close-up Lens

| Product Name | | | CL3355 (M55×0.75mm fc=333mm) | CL10055 (M55×0.75mm fc=1000mm) |
|---|---|---|---|---|
| Imaging Area (mm) | | | 333~261 | 1000~545 |
| Object Dimensions (mm) | 1/2" | WIDE | 205×153 | 428×321 |
| | | TELE | 25×19 | 53×40 |
| | 1/3" | WIDE | 153×115 | 321×241 |
| | | TELE | 19×14 | 40×30 |
| | 1/4" | WIDE | 115×86 | 241×181 |
| | | TELE | 14×11 | 30×22 |

ZOOM LENSES