



**For Security  
Zoom**

**MP<sup>+</sup>**  
MEGA  
PIXELS

**D8x7.8HA-SE2**

Applicable camera (model)

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

**8×**



\*Photograph is a similar model.

- Standard zoom lens with excellent cost performance.
- High image-quality monitoring with optical performance supporting 1.3 megapixels.
- 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,  $\pm 6V$ , 12V,  $\pm 12V$ ), for use with existing control systems.

**ZOOM**  
Zoom

**WIDE**  
Wide Angle

**MOTOR DRIVE**  
Motor Drive

**1.3 Mega**  
For Megapixel Camera

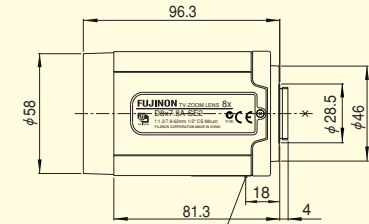
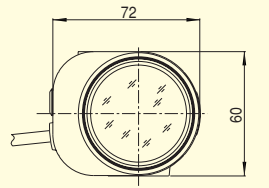
**DC**  
DC Auto Iris

**CS-mt**  
CS Mount

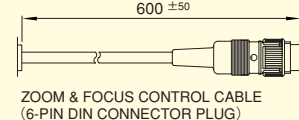
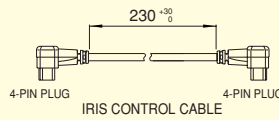
**METAL**  
Metal Mount

**ND**  
ND Filter

**F1.2**  
Wide Aperture Rate



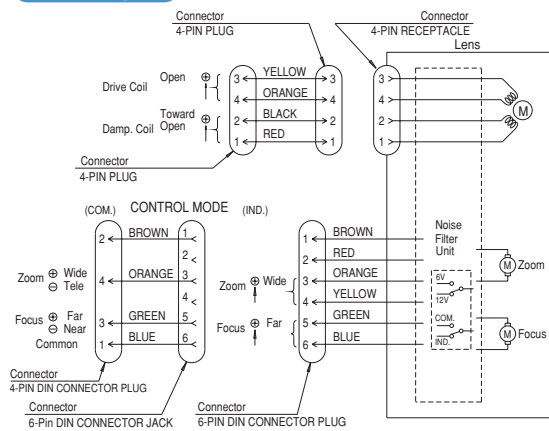
TRIPOD ATTACHING SCREW  
(1/4-20 UNC)



Unit : mm

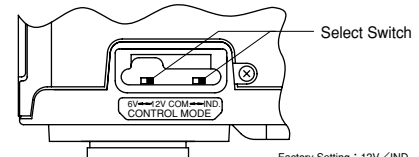
Focal Length (mm)			7.8~63 (8×)
Iris Range			F1.2 ~ T400 (Equivalent to F400)
Operation	Zoom		Motor Drive
	Focus		Motor Drive
	Iris		Auto (DC Type) (*1)
Angle Of View (H×V)	1/2"	WIDE	44°37' × 34°12'
		TELE	5°49' × 4°22'
	1/3"	WIDE	34°12' × 25°59'
		TELE	4°22' × 3°16'
	1/4"	WIDE	25°59' × 19°38'
		TELE	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 Damping Coil 700Ω
Current Consumption			22mA (Max.) at DC 4V
Standard Accessories			Iris Control Cable Conversion Cable (6-pin→4-pin) Connection Connector (4-pin, 6-pin)
Remarks			• With Metal Mount (*1) When power is turned off, iris will automatically close.

## Wiring



## Control Mode

(Top View)



Factory Setting : 12V/IND.

Controller output	Select switch position	Conversion cable (Standard accessory)
6V	6V/IND.	Not necessary
$\pm 6V$	6V/COM.	Necessary
12V	12V/IND.	Not necessary
$\pm 12V$	12V/COM.	Necessary

## 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
		TELE	25×19
	1/3"	WIDE	153×115
		TELE	19×14
	1/4"	WIDE	115×86
		TELE	14×11
	1/4"	WIDE	241×181
		TELE	30×22