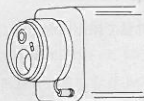


4 How to mount the lens

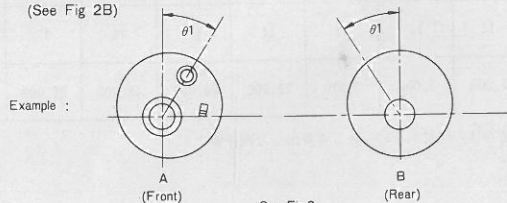
- 4.1 Mount the main body of lens onto camera.
- 4.2 Be careful to mount the lens body so that the CdS sensor window comes right uppermost. (See Fig. 1)



See Fig 1

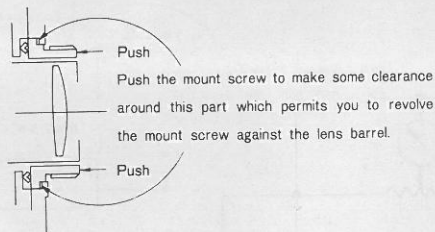
*When the CdS does not come so, try again to readjust as follows.

- 1) Face the front of the lens to see which side and approx. what degrees the CdS window is inclining at. (See Fig. 2A)
- 2) Remove the lens body from camera.
- 3) Push the mount screw of the lens and turn the lens body towards the reverse side, to recover the corresponding degrees that shall allow the CdS window to come right uppermost. (See Fig. 2B)



See Fig2

Also facing the front of the lens, if the CdS window is inclining to the left, turn the mount screw to the right facing the rear side of the lens.



- 4.3 Connect the plug of cable of the lens body to the power source on the camera.

5 Operation

- 5.1 Turn the camera switch ON.
- 5.2 Turn the iris-opening switch on the lens to OPEN, and the irises shall move to full open.
- 5.3 Revolve the focusing ring to adjust focusing.
- 5.4 After focused, turn iris-open switch towards EE direction and tighten the screw to fix the focusing ring.

6 Specifications

Item	Type	B1214DE	B2514CE	B5018AE-2	C814BE	C1614AE-2
Focal length		12.5mm	25mm	50mm	8mm	16mm
Maximum aperture ratio		1 : 1.4	1 : 1.4	1 : 1.8	1 : 1.4	1 : 1.4
Range of iris index		1.4 to 16-close	1.4 to 16-close	1.8 to 16-close	1.4 to 16-close	1.4 to 16-close
Receptive angle of light		60°	30°	24°	60°	30°
Image format		12.7 × 9.525mm			8.8 × 6.6mm	
Angular field of view		65°48'	33°48'	17°52'	70°30'	38°03'
Shortest focusing distance		0.3m	0.7m	3m	0.2m	0.3m
Back focal length		14.3mm	16.5mm	31.4mm	14.5mm	13.2mm
Front lens diameter		30.7mm	17.9mm	27mm	27.5mm	14mm
Rear lens diameter		14.2mm	14.2mm	15.5mm	15.4mm	15.4mm
Flange back length		17.526mm				
Input voltage		DC 6V ± 5%				
Maximum power consumption		less than 5mA				
Range of ambient temperature		from -20°C to +50°C				
Iris accuracy		± 1 LV				
Time to respond (to stabilize iris)		Approx. 1.5 second				
Illuminance of image surface		100 lx				
Adjustment of focusing		Straight back and forth helicoid: * Revolution angle: 128.7° * Revolution torque: 450 ± 200gcm				
Mount		C Mount				
Filter size		67 φ p=0.75				
Overall dimensions		75.5mm φ × 48mm (at ∞)				
Weight		290g	275g	295g	285g	265g

* See FIGURE of APPEARANCE. (Page 1) *