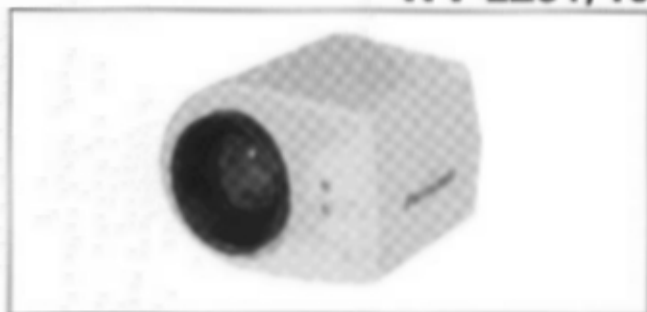


# Instructions

**Panasonic**®

Before attempting to connect or operate this product, please read these instructions completely.



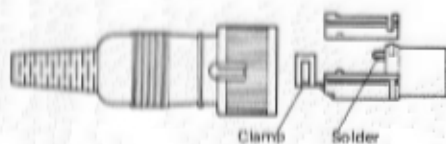
**CAUTION :** When the lens becomes dirty, wipe it using a dry and soft cloth or a cloth soaked with alcohol. Do not use chemical e.g. thinner or benzene for cleaning because this may damage the surface.

## How to make the 4 pin zoom and focus cable

- (1) Remove connector terminal from Hirschman connector (supplied) by pushing locking pin.



- (2) Solder the 3 wires for zoom and focus according to the following diagram.



View from solder side

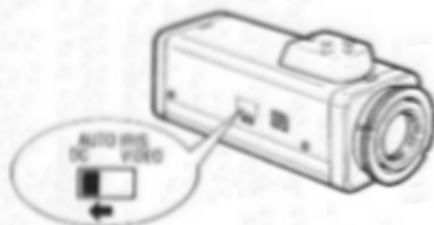
1. Common
2. Not used
3. Focus
4. Zoom

## (3) Zoom and focus cable information

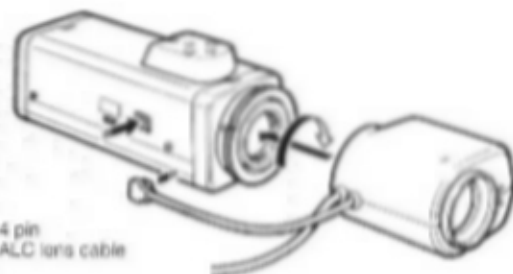
Copper Wire Gauge		Maximum Length
#20 (0.52 mm <sup>2</sup> )	[f]	110
	[m]	35
#18 (0.83 mm <sup>2</sup> )	[f]	190
	[m]	60
#16 (0.131 mm <sup>2</sup> )	[f]	275
	[m]	85
#14 (2.08 mm <sup>2</sup> )	[f]	465
	[m]	140

## How to install the automatic iris zoom lens

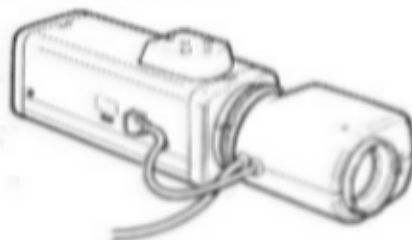
- (1) Make sure that the lens selection switch is set to DC position (for same other models, set the lens selection switch (LENS, STD/OPTION) to STD position).



- (2) Mount the automatic iris zoom lens onto the lens mount of camera by rotating it gently clockwise until it stops. Then turn the lens furthermore with a little bit stronger torque.



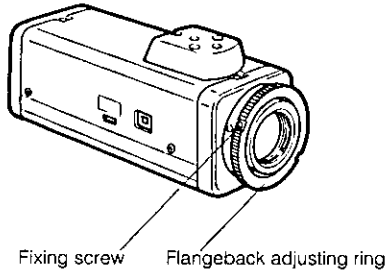
- (3) Set the lens to flat position by turning lens counterclockwise.  
(4) Connect the 4 pin ALC lens cable to the camera's connector on the side of camera.



## Flangeback Adjustment

When an automatic iris zoom lens WV-LZ61/10 is installed on the camera, the camera will focus from 1.2m to infinity (∞). For a zoom lens, the flangeback can be adjusted with following procedure.

- (1) Loosen the flangeback adjusting ring fixing screw.
- (2) Set zoom lens at tele position.
- (3) Adjust the focus ring on the lens for best focus.
- (4) Set zoom lens at wide position.
- (5) Adjust the flangeback adjusting ring for best focus.
- (6) Zoom in again and adjust the focus ring on the lens for best focus.
- (7) Zoom out again and adjust the flangeback adjusting ring for best focus.
- (8) Repeat the process (2) - (7) until the focus tracks over the zoom range of the lens.
- (9) Tighten the flangeback adjusting ring fixing screw.



**Notes :**

1. Zoom speed will be slowed down at the tele position.
2. Zoom and focus functions can not be activated simultaneously.
3. Zoom or focus speed can not be changed even if the control voltage will be varied. ( $\pm 6V - \pm 12V$ )  
The high voltage should be used for the staffe operation. (Max. 12V)

**SPECIFICATIONS**

Focal length:	6 - 60 m	
Maximum Aperture:	F=1: 1.6 (wide) - 1 : 2.6 (tele)	
Image Size:	3.6 (V) x 4.8 (H) mm	
Iris Range:	F1.6 - F22, Close	
Mount:	CS Mount (1"-32UN)	
Filter Size:	Ø35.5 mm P = 0.5 mm	
Angular Field of View:	Tele	Wide
H	4.6°	43.7°
V	3.5°	33.0°
Minimum Object Distance:	1.2m	
Weight:	0.43 lbs. (210g)	
Dimensions:	2-13/16" (W) x 2-1/16" (H) x 2-5/8" (D) (71 (W) x 52 (H) x 66 (D) mm)	
Focus Control:	Far	-6V - -12V DC Typ. 195 mA, approx. 5 sec
	Near	+6V - +12V DC Typ 195 mA, approx. 5 sec
Zoom Control:	Wide	-6V - -12V DC Typ. 170 mA, approx. 6.5 sec
	Tele	+6V - +12V DC Typ. 170 mA, approx. 6.5 sec
Ambient Operating Temperature:	14°F - 122°F (-10°C - +50°C)	

Weights and dimensions shown are approximate.  
Specifications are subject to change without notice.

**STANDARD ACCESSORY**

4 pin connector ..... 1

**RECOMMENDED OPTIONAL SYSTEM ACCESSORIES**

System control ..... WV-CU254  
Receiver .....WV-RC100 (Indoor), WV-RC150 (Outdoor)

**Panasonic**

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