

Operating Instructions

15X Zoom Lens
WV-LZ61/15



Panasonic®

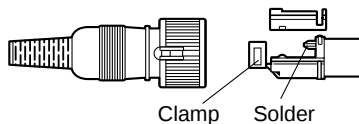
Before attempting to connect or operate this product,
please read these instructions completely.

ENGLISH

FRANÇAIS

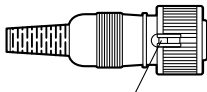
Note: Clean the lens face with care.

Do not clean the lens with strong or abrasive detergents. Use lens tissue or a cotton tipped applicator and ethanol.



● Prepare the zoom and focus cable

1. Remove the connector terminal from the connector supplied by pushing the lock pin.



Push here to remove

2. Solder the cable to the pins of the supplied connector according to the diagram shown below.
The maximum cable length is also as shown below.



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

View from solder side

Copper Wire Gauge		Maximum Cable Length
#20 (0.52 mm ²)	m	70
	ft	225
#18 (0.83 mm ²)	m	115
	ft	375
#16 (0.131 mm ²)	m	165
	ft	550
#14 (2.08 mm ²)	m	285
	ft	930

● Voltage Selector Setting

Set the Voltage Selector located on the rear of the lens, to either 6V or 12V, according to system requirements.

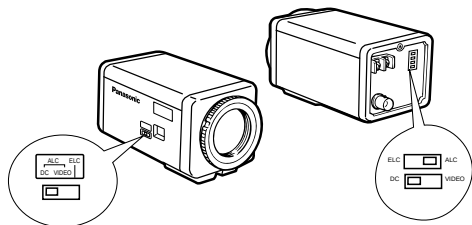
Switch position	6 V, 120 mA	12 V, 50 mA
Applicable receiver or controller	Made by Panasonic	Others AMERICAN DYNAMICS PELCO, Molynx Building Block Video, etc.
Operating current supplied from receiver or controller	Position for operating any Panasonic products	12 V 50 mA or 9 V 65 mA or more is necessary for operating the above

Notes:

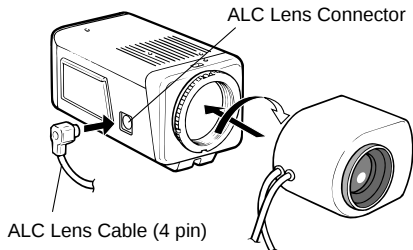
- Lens control is disabled when the lens is connected to a receiver or controller of less than 12 V 50 mA or 9 V 65 mA.
- If the lens is connected to a receiver or controller of a lower current rating when the voltage selector is at 6V, a time lag may occur to activate the lens after pressing the controller button.
- If this lens is used in a Panasonic WV-RC100 or WV-RC150 receiver with the lens voltage selection switch set to the LOW position and the lens voltage fine control set to the default position, the zoom may not function.
In such a case, set the lens voltage fine control of the receiver to the maximum position or the lens voltage selection switch to the HIGH position (lens voltage selector also set to 12 V) before using the lens.

● Mount the Lens

1. Set the ALC selector on the camera to DC position.



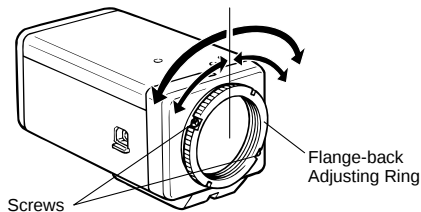
2. Mount the lens by turning it clockwise on the lens mount of the camera.



3. Connect the ALC cable to the Auto Iris Lens Connector on the side of the camera.
4. Connect the zoom and focus control cable to the external equipment, such as a controller or receiver.

● Flange-back Adjustment

1. Loosen the screws on the flange-back adjusting ring of the camera.
2. Set the lens at wide position.
3. Shoot an object more than 10 meters (30 feet) away, then turn the flange-back ring of the camera to bring the object into focus.
4. Set the lens at tele position.
5. Adjust the focus to bring the object into focus.
6. Zoom out the object, then turn the flange-back adjusting ring again to bring the object into focus.
7. Repeat the procedures 4 to 6 to be in focus over the zoom range of the lens.
8. Tighten the screws on the flange-back adjusting ring.



SPECIFICATIONS

Image Size:	$\phi 6$ mm [4.8(H) x 3.6(V) mm]
Focal Length:	6 - 90 mm
Maximum Aperture Ratio:	1 : 1.6 (wide) - 1 : 2.6 (tele)
Iris Range:	F1.6 - F176, Close
Angular Field of View	H: 3.2° - 44.4° V: 2.4° - 33.6°
Focusing Range:	2.0 m - ∞ (6.6 ft - ∞)
Focus Control:	Far: -6 V (-12 V) DC 120 mA (50 mA), approx. 7.5 s Near: +6 V (+12 V) DC 120 mA (50 mA), approx. 7.5 s
Zoom Control:	Wide: -6 V (-12 V) DC 120 mA (50 mA), approx. 7 s Tele: +6 V (+12 V) DC 120 mA (50 mA), approx. 7 s
Filter Size:	$\phi 46$ mm, P=0.75 mm
Mount:	CS-mount, 1"-32UN
Ambient Operating Temperature:	-10°C - +50°C (14°F - 122°F)
Dimensions:	79(W) x 67(H) x 87(D) mm [3-1/8"(W) x 2-5/8"(H) x 3-7/16"(D)]
Weight:	260 g (0.57 lbs.)

Dimensions and weight indicated are approximate.
Specifications are subject to change without notice.

STANDARD ACCESSORY

4-pin Connector 1 pc.

Panasonic

Video Imaging Systems Company

**A Division of Panasonic Broadcast & Television Systems Company
A Unit of Matsushita Electric Corporation of America**

Executive Office: One Panasonic Way 4H-2, Secaucus, New Jersey 07094

Regional Offices:

Northeast: One Panasonic Way, Secaucus, NJ 07094 (201) 348-7303

Southeast: 1225 Northbrook Parkway, Suite 1-160, Suwanee, GA 30024 (770) 338-6838

Midwest: 1707 North Randall Road, Elgin, IL 60123 (847) 468-5211

Southwest: 8105 Beltsline Road, Suite 100, Irving, TX 75063 (927) 915-1334

Western: 6550 Katella Ave., Cypress, CA 90630 (714) 373-7840

PANASONIC CANADA INC.

5770 Ambler Drive, Mississauga, Ontario, L4W 2T3 Canada (905)624-5010

PANASONIC SALES COMPANY

DIVISION OF MATSUSHITA ELECTRIC OF PUERTO RICO, INC.

San Gabriel Industrial Park, 65th Infantry Ave. KM. 9.5 Carolina, P.R. 00630 (809)750-4300