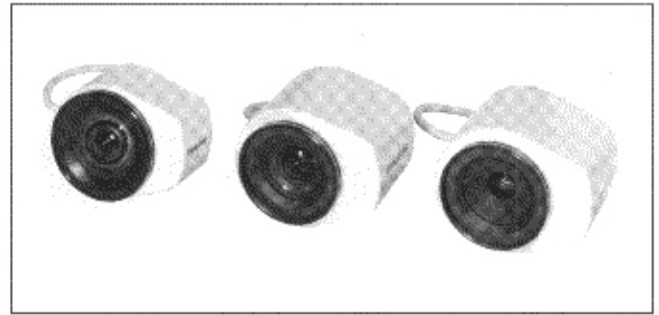


# Instructions

## Aspherical High Speed Aperture Lens WV-LA210C3, WV-LA408C3 and WV-LA908C3

# 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 alcohols. Do not use chemical e.g. thinner or benzine for cleaning because this may damage the surface.

- (1) Make sure the Selection switch on the camera is set to DC position. (Fig. 1)

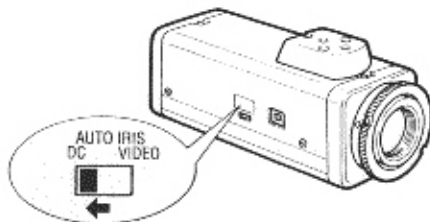


Fig. 1

### Notes :

- Some cameras do not have the Lens Selection Switch.
- The site of Lens Selection Switch is different by the cameras.

### Caution :

Always set the flange-back adjusting ring to fully clockwise (C-mount side) by loosening screws in the ring before mounting the lens.  
The inner glass and CCD image sensor might be damaged by the lens otherwise.

### (2)a) Installation for Color Camera

Mount the 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 to the desired position. (Fig. 2)

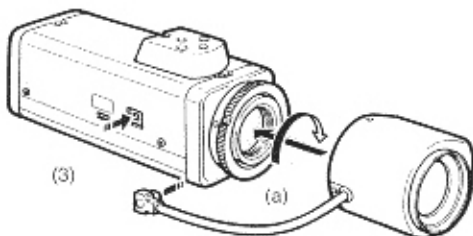


Fig. 2

### b) Installation for Black/White Camera

#### Precaution:

When this lens is used with a B/W camera, in order to have an optimum definition, the glass-block and flange-back adjusting plate should be attached with.

(b-1) Insert a glass-block by rotating clockwise onto the lens and put a flange-back adjusting plate on the lens.

(b-2) Then mount the lens onto the lens mount of camera by rotating them gently clockwise until they stop. Then turn the lens furthermore with a little bit stronger torque to the desired position. (Fig. 3)

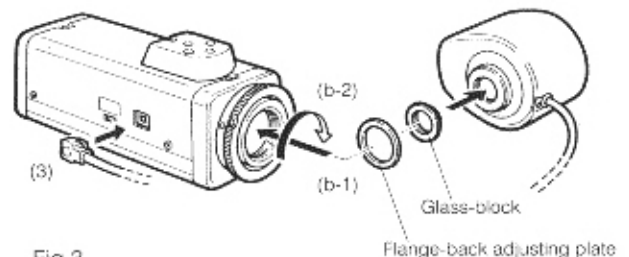


Fig. 3

- (3) Connect the lens cable to the Lens Connector on the side of the camera.
- (4) Adjust the backfocus of the camera by turning the flange-back adjusting ring to the desired position.

#### Caution :

Do not turn this ring too much counterclockwise as this might damage the inner glass and CCD image sensor.

Tighten the screw on the flange-back adjusting ring. (Fig. 4)

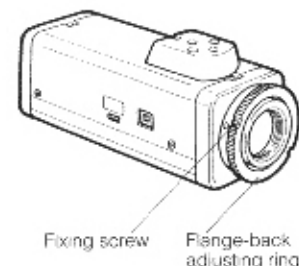


Fig. 4

## Specification Comparison

Models Specifications	WV-LA210C3 (Super Wide-angle)	WV-LA408C3 (Wide-angle)	WV-LA908C3 (Standard-angle)
Image Size	Ø6 mm (4.8(H) x 3.6(V) mm)	Ø6 mm (4.8(H) x 3.6(V) mm)	Ø6 mm (4.8(H) x 3.6(V) mm)
Focal Length	2.1 mm	4.5 mm	9 mm
Maximum Aperture Ratio	1 : 1.0	1 : 0.75	1 : 0.75
Angular Field of View	H	107.6°	31.3°
	V	88.0°	23.5°
Focusing Range	Adjusted by Camera	Adjusted by Camera	Adjusted by Camera
Mount	CS-mount, 1"-32UN	CS-mount, 1"-32UN	CS-mount, 1"-32UN
Filter Size	-	M40.5 P=0.5	M40.5 P=0.5
Dimensions (W x H x D)	2-7/16" x 2-1/16" x 1-7/16" (62.5 x 52 x 36.5 mm)	2-7/16" x 2-1/16" x 2-1/16" (62.5 x 52 x 53 mm)	2-7/16" x 2-1/16" x 2-1/16" (62.5 x 52 x 53 mm)
Weight	0.2 lbs (110g)	0.3 lbs (140g)	0.3 lbs (135g)
Ambient Operating Temperature	22°F - 140°F (-30°C - +60°C)	22°F - 140°F (-30°C - +60°C)	22°F - 140°F (-30°C - +60°C)

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

## Accessories

Glass-Block .....	1 pc
Flang-Back Adjusting Plate .....	1 pc

# Panasonic

Broadcast & Television Systems Company

Division of Matsushita Electric Corporation of America

## CLOSED CIRCUIT VIDEO EQUIPMENT DIVISION

Executive Office: One Panasonic Way, Secaucus, New Jersey 07094

### Regional Offices:

Northeast: 43 Hartz Way, Secaucus, NJ 07094 (201) 348-7303  
 Southeast: 1854 Shackleford Court, Suite 115, Norcross, GA 30003 (404) 717-6835  
 Midwest: 1707 North Randall Road, Elgin, IL 60123 (708) 468-5200  
 Southwest: 4500 Amon Carter Blvd., Ft. Worth, TX 76155 (817) 685-1117  
 Western: 6550 Katella Ave., Cypress, CA 90630 (714) 373-7265

### MATSUSHITA ELECTRIC OF CANADA LIMITED

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, Puerto Rico 00630 (809)750-4300