

INSTALLATION MANUAL

Color CCD Camera

SANYO

VDC-DP7584 VDC-DP7585P

● For the customers in US and Canada

THIS INSTALLATION SHOULD BE MADE BY A QUALIFIED SERVICE PERSON AND SHOULD CONFORM TO ALL LOCAL CODES.

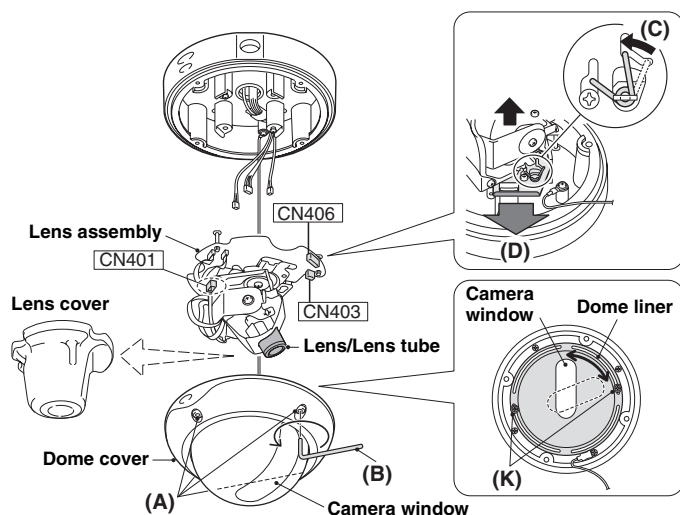
☞ Please read this manual before installing and using this camera, and always follow the instructions in it for proper use.

⚠ Do not touch the lens and lens tube:

The lens and lens tube are composed of precision parts that must be strictly kept untouched.

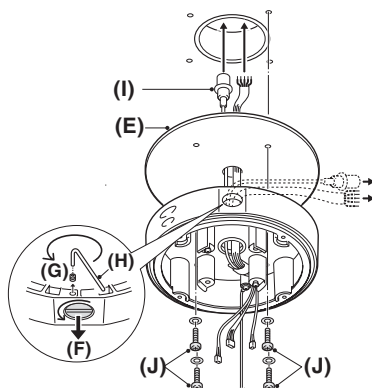
1 Remove the lens assembly.

- Loosen the four screws (A) using the supplied hexagonal wrench (large) (B) to remove the dome cover and the lens cover.
- Pull off the pin connector cables from CN401, CN403 and CN406.
- While holding the spring (C), pull the retainer (D) until it clicks.



2 Install the camera unit base on the ceiling or wall.

- Make four screw holes and a cable hole in the supplied cushioning sheet (E) using the supplied pattern sheet, and then attach it to the back of the camera unit base.
 - When routing the cables on the ceiling or the wall, open the conduit hole cover (F) after removing a screw (G) using supplied hexagonal wrench (small) (H) and pass the cables through the conduit hole.
- Make four screw hole marks (and a cable hole mark) on the ceiling or the wall using the pattern sheet, and then drill the screw holes (and cut a cable hole).
- Pass the cables (I) through the cable hole and match the four screw holes of both the camera unit base and the ceiling or the wall. And then, secure it using the four or more screws (J) through the washers.

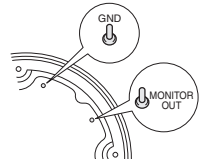


3 Replace the lens assembly on the camera unit base.

- Put the lens assembly back in its original position, then press the retainer back into its original position.
- Plug the pin connector cables to CN401, CN403 and CN406.

4 Make required connections, and check the image from the camera.

- Refer to "CONNECTIONS" on the back.
- Connect the MONITOR OUT pin and the GND pin on the base circuit board to a monitor using an alligator clip cable.
- Holding in the manner shown on the right, move the lens in the pan and tilt directions and check the image on the monitor.



Note:

When the image is displayed upside down, fold the lens assembly downward and turn it to the left to avoid damage to the FFC cable.

5 Carry out the settings and adjustment for the camera using the on-screen menu.

Refer to the separate-volume instruction manual.


6 Secure the dome cover by tightening the screws (A).

If a whole surface of the camera's lens does not show through the camera window, loosen the screw (K) and adjust the dome liner.

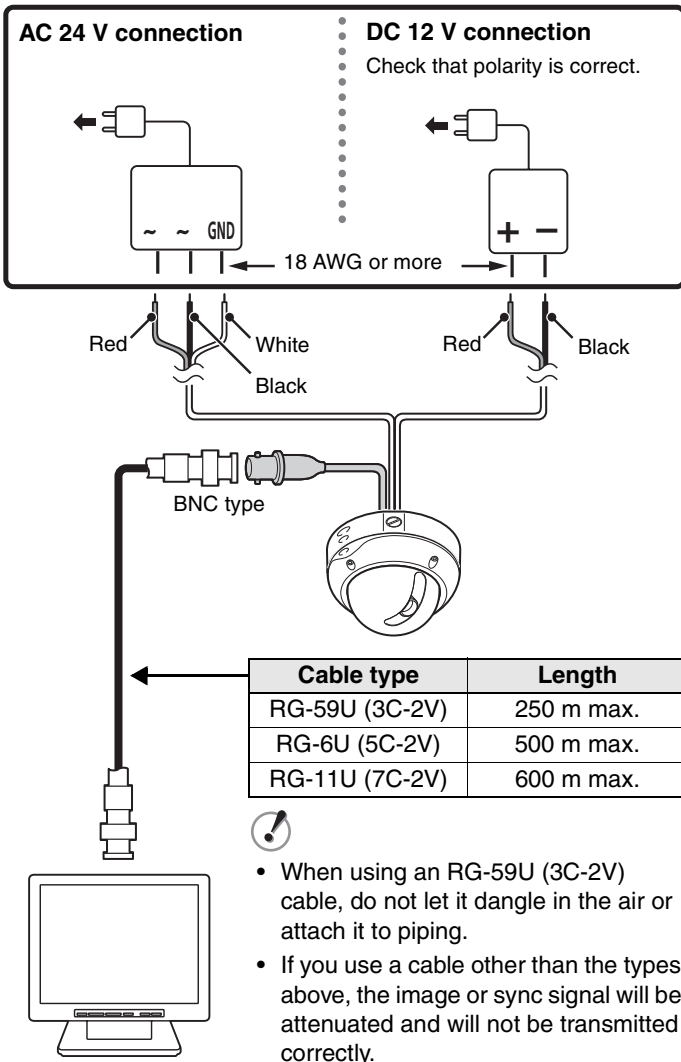
Note:

- When monitoring lighting or other extremely bright objects (which exceed the maximum required illumination), smearing may occur in the vertical or horizontal direction (either above and below the high-brightness object or as a perpendicular band). In such a case, adjust the angle of illumination and other factors while observing the monitor.
- When installing the camera, make sure to properly perform waterproofing for the holes in the ceiling or the wall.
- When setting up this camera, make sure that it is installed securely. Check that the installation location is strong enough to bear the camera weight before proceeding. Install to the ceiling or a wall that has no surface unevenness. And be sure to embed the screw into the ceiling or wall to a depth of at least 35 mm and a diameter of at least 3.5 - 5 mm. If the screw holes are too shallow, the camera may fall down. In addition, do not touch the camera unit except when settings and adjustments are necessary.
- Install where the temperature range will stay between -10°C (14°F) and 50°C (122°F). (No condensation)
- The camera unit can be installed with the dome cover pointing upward.
- If operated in an environment where the temperature may fall below -10°C (14°F), attach the heater option board (VA-50H) to this camera unit.

CONNECTIONS

 Do not connect the power cord until all other connections have been completed.

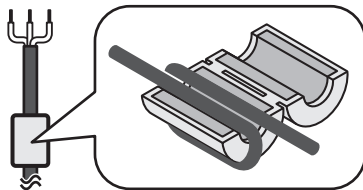
Basic Connection for Monitoring and Power Supply



To prevent electromagnetic interference

Be sure to attach the supplied clamping core to the cables as illustrated.

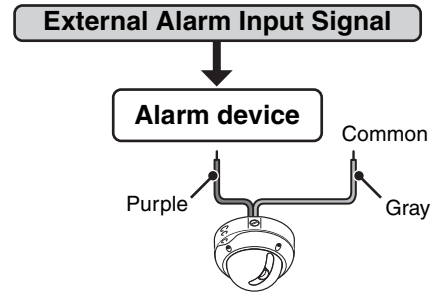
- On the cable for power supply



Connecting to Other Equipment

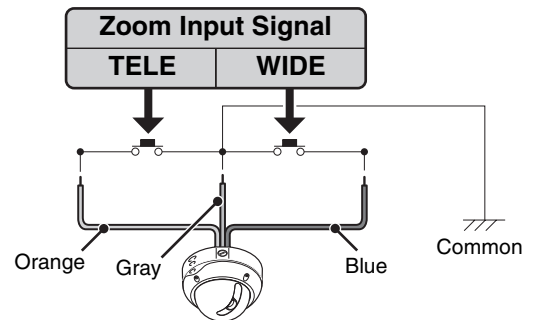
Connection for Alarm Input

Refer to the instruction manual for the connected alarm device for further details.



Connection for Zoom Input

It is used to make wide angle/telescoping adjustments.



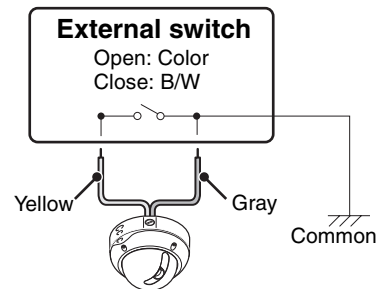
Setting Color or Black-and-White

You can fix the image either to color or black-and-white using an external switch, etc.

- Be sure to select "COLOR" for the "DAY/NIGHT" option in the main menu (See page 23 on the INSTRUCTION MANUAL).

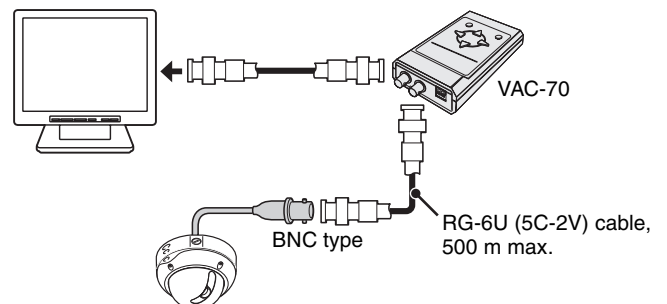
SYNC	INT
BLC	OFF
IRIS	SET
WHITE BALANCE	ATW
AGC GAIN	NORM
GAMMA	0.45
SHUTTER	60

DAY/NIGHT	COLOR
PRESET	OFF
MENU	END



Using a Camera Control Unit

When using menus, connect a camera control unit (VAC-70: Separately ordered) because menu settings can be carried out without removing the dome cover.



Note: Make sure to disconnect the unit after setting or adjustment is completed.