

CONNECTING THE CABLES

Connect the power and video cables
Connect the video cable from the monitor and the coaxial video cable attached to the camera body.

In case of using DC 12V, connect DC jack from camera with power supply (CLASS 2 ONLY) If necessary, after connecting DC jack from camera to Additional power connector (Accessory) connect it with power supply.

In case of using AC 24V, after connecting DC jack from camera to Additional power connector (accessory) connect it with power supply (CLASS ONLY 2)

Attention
Specification below is recommended as an Output rated capacity of Power supply that is connected to camera

Input power	Voltage	Current
DC 12V	DC 12V $\pm 10\%$	200mA $\pm 10\%$
AC 24V	AC 24V $\pm 10\%$	250mA $\pm 10\%$

Attention
Be sure to check that the cables are connected correctly before turning on the power.
Turning on the power when the cables are connected with incorrect polarity may damage the camera.



Disposal
Dispose of your old appliances
This symbol indicates that the appliance is subject to special disposal. Please refer to the European Directive 2002/96/EC, 2002/95/EC, and national and electronic products should be disposed of separately from the municipal waste disposal system. The symbol consists of a crossed-out wheeled bin. The crossed-out wheeled bin symbol is used to indicate that the appliance should not be disposed of with the municipal waste disposal system.

Preparation for disposal
Before disposing of your old appliances, please contact your city office, waste disposal service or the shop where you purchased the product.

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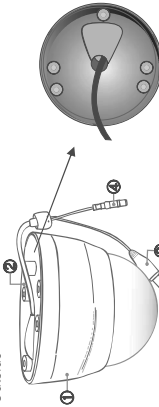
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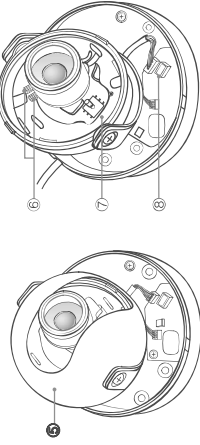
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PARTS DESCRIPTION

Outside



Inside



Turn Top Cover counter-clockwise to open the unit for adjustments. Once adjusted, turn the top cover back and tighten it securely.

1. Top Cover
2. Bottom Cover
3. Video Output Connector
4. Power Input Jack
5. Inner Cover
6. Focus and View Angle Adjust Lever
7. Multi Tact Switch
8. Service Monitor Jack

OPTIONS

Please contact your dealers for more details of the following options.

1. UTP Board (ZCA-UJ-P8)
2. Service Monitor Cable (ZCA-SM-8)
3. Flush Mount Kit (ZCF-PM3)
4. NPT Pendant Mount (ZCF-PM1)
5. NPS Compact Pendant Mount (ZCA-PA8)
6. Smoke Dome Cover (ZCA-SDB)
7. Lens variations

MODEL

DCB-39 (White housing)
DCB-39-BL (Black housing)

PRODUCT FEATURES

- 1/3" SONY Super HAD-II CCD
- Built-in "COMPUTAR" Var-Focal Lens
- Digital Day & Night
- Auto-sensing DC12V/AC24V Dual-Voltage Operation
- Back Light Compensation
- High Light Compensation
- Motion Detection
- Backlighting
- 2D Digital Shading Reduction (2DNR)
- Lens Shading Compensation
- Low Power Consumption
- Multi Tact Switch for OSD control

SPECIFICATION

Model	DCB-39	DCB-39-BL
TV System	NTSC	DCB-39-BL
TV System	2 : 1 Interlaced	
Image Sensor	1/3" Type Inter Line Transfer CCD (Sony HAD II CCD)	
Effective Elements	768(H) x 484(V)	
Scanning Frequency	15,734Hz(H) x 50.00Hz(V)	
Video Output	1,0V/4-75Ω	
Horizontal Resolution	More than 600 TVL	
Minimum Illumination (F1.4)	0.05 Lux	
Day/Night	Digital Day/Night	
SN Ratio	More than 60dB (at minimum AGC gain)	
Gamma Characteristics	0.45	
Sync. System	Internal only	
Electronic Shutter	1/60 sec. F.L.C. 1/60 ~ 1/500,000 (Selectable)	
White Balance	ATW1, ATW2, AWG, Manual (Selectable)	
Power Supply	AC24V $\pm 10\%$, 60Hz $\pm 1\%$, DC12V $\pm 10\%$	
Power Consumption	2.5 Watt (AC24V), 1.8 Watt (DC12V)	
Ambient Temperature	Operation : -10°C to $+50^{\circ}\text{C}$ / Storage : -20°C to $+60^{\circ}\text{C}$	
Ambient Humidity	Operation : Max. 85%RH / Storage : Max. 95%RH	
External Dimensions	122mm(W) x 106.3mm(H)	
Weight	Approx. 280g	
Switches	Multi Tact Switch for OSD control	
Accessories	Self-tapping Screw : 3ea, Template : 1 set, Instruction Manual : 1ea, Additional Power Connector : 1ea	

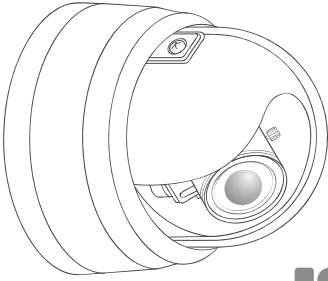
Lens Specification

Focal length	Aperture Ratio	View angle
3.0-3.0mm	1:1.2 (Digital DN)	90.0-51.8

* The specifications and/or appearance of the product may change without a prior notice

INDOOR COLOR CAMERA

DCB SERIES INSTRUCTION MANUAL



600TVL High Resolution

DCB-39
DCB-39-BL



Ref. DCB-39-000-100-12-V1

Thank you for your purchase of this product. Before operating the product, please read this instruction manual carefully to ensure proper use of the product. Please store this instruction manual in a safe place for future reference.

SAFETY PRECAUTIONS

The installation should be made by a qualified service person and should conform to all local codes.

- WARNING**
The symbol indicates that there is a possibility of death or damage to operator or others.
To prevent fire or electric shock, do not expose the product to rain or moisture.

- Attention**
The symbol indicates that there is a possibility of injury or damage to equipment.

- 1) Use only AC24V power supply module class 2 or JIS12V regulated power supply module class 2.
- 2) Be sure to connect each lead to the appropriate terminal. Wrong connection may cause malfunction and/or damage to the camera.
- 3) Do not connect the camera at the sun or other external light objects that cause glare to appear.
- 4) Be sure to use the camera at the sun or other external light objects that cause glare to appear.
- 5) Do not place the camera in the following location.
 - (1) Locations where the camera is exposed to direct sunlight.
 - (2) Locations where the camera is exposed to strong electromagnetic field, some irregularly such as noise on the monitor screen may happen.
 - (3) Storage temperature range : -20°C to $+50^{\circ}\text{C}$ (-4°F to 122°F)
 - (4) Operating temperature range : -10°C to $+50^{\circ}\text{C}$ (14°F to 122°F)
 - (5) Do not place the camera in the following location.
 - (1) Locations where the camera is exposed to direct sunlight.
 - (2) Locations where the camera is exposed to strong electromagnetic field, some irregularly such as noise on the monitor screen may happen.
 - (3) Storage temperature range : -20°C to $+50^{\circ}\text{C}$ (-4°F to 122°F)
 - (4) Operating temperature range : -10°C to $+50^{\circ}\text{C}$ (14°F to 122°F)
- 6) Be sure to use screws suitable for the type of material to which the camera is being mounted.
- 7) When the camera is installed near equipment that emits a strong electromagnetic field, some irregularly such as noise on the monitor screen may happen.
- 8) Be sure to use screws suitable for the type of material to which the camera is being mounted.
- 9) Do not allow the camera to be subjected to strong impacts or shocks. The camera could be damaged by improper use.
- 10) Never attempt to disassemble or modify the camera.
- 11) If an abnormality should occur, immediately turn off the power and consult your dealer.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) This device must accept any interference received, including interference that may cause undesired operation.