

High Resolution Indoor Dome Camera

DWC-D1362D



ABOUT MANUAL

Before installing and using the camera, please read this manual carefully.
Be sure to keep it handy for future reference.

PRECAUTIONS

- Do not open or modify.
- Do not open the case except during maintenance and installation, for it may be dangerous and can cause damages.
- Do not put objects into the unit.
- Keep metal objects and flammable substances from entering the camera.
It can cause fire, short-circuits, or other damages.
- Be careful when handling the unit.
- To prevent damages, do not drop the camera or subject it to shock or vibration.
- Do not install near electric or magnetic fields.
- Protect from humidity and dust.
- Protect from high temperature.
- Be careful when installing near the ceiling of kitchen or a boiler room, as the temperature may rise to high levels.
- Cleaning:
To remove dirt from the case, moisten a soft cloth with a soft detergent solution and wipe.
- Mounting Surface:
The material of the mounting surface must be strong enough to support the camera.

FCC COMPLIANCE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference. when the equipment is operated in a residential environment. This equipment generates, uses, and radiates radio frequency energy; and if it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications.

WARNING: Changes or modifications are not expressly approved by the manufacturer.

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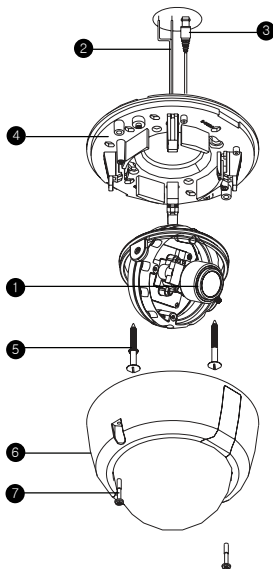
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FEATURES*

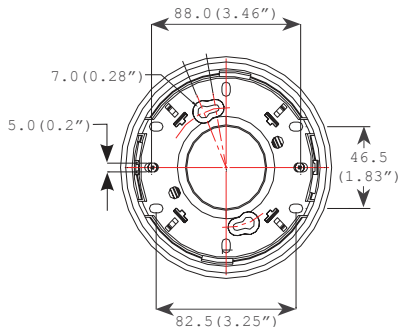
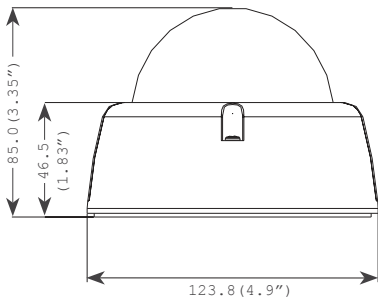
- 1/3" CCD
- 570 TV Lines (B&W), 540 TV Lines (Color)
- 3.3~12mm Varifocal Auto Iris Lens
- Electronic Day and Night
- BLC (Backlight Compensation)
- AWB (Auto White Balance)
- DRC (Dynamic Range Compressor)
- HME (Highlight Masking Exposure)
- Programmable Privacy Zones & Motion Detection
- Easy Icon Driven OSD Menu with Built-In Joystick
- Wide Operating Voltage (8VDC-18VDC)
- Secondary Video-BNC Output

PARTS & DESCRIPTION*

- ① Lens
- ② Power Input Connector (12VDC)
- ③ Primary Video-BNC Output Connector
- ④ Bottom Case
- ⑤ Mounting Screws
- ⑥ Outer Dome Cover
- ⑦ Assembly Screws



DIMENSIONS IN MILLIMETERS (IN)*



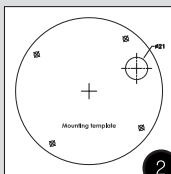
INSIDE THE BOX*

Included with D1 Indoor Dome Camera

- ❶ User Manual
- ❷ Miniature TORX Driver
- ❸ Mounting Template
- ❹ L-Key
- ❺ 2 Machine Screw and 2 Dry Wall Anchors
- ❻ Secondary Video-BNC Cable



❶



❷



❸



❹



❺



❻

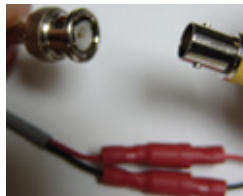
CAMERA INSTALLATION*



- ❶ Cut a hole in the ceiling for routing the cables. Use your mounting template to mark the screw holes.



- ❷ Drill holes into the drywall and insert the drywall mounts into the holes.



- ❸ Pull wires through and make connections.



- ❹ Mount and secure the camera to the surface using the machine screws.



- ❺ Position the lens, and adjust the zoom and focus.



- ❻ Assemble the outer dome cover with the camera module.

WALL MOUNT INSTALLATION*



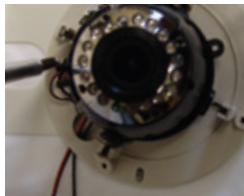
- ❶ Check to see all parts are in the box.



- ❷ Use the mount to mark the pilot holes are required. Drill holes into the drywall and insert the drywall mounts.



- ❸ Secure the wall mount to the wall using the mounting screws.



- ❹ Attach the base of the camera to the wall mount with the smaller machine screws.



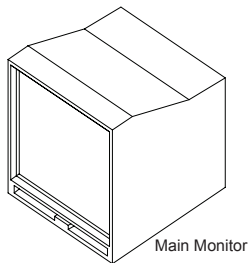
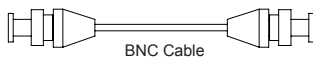
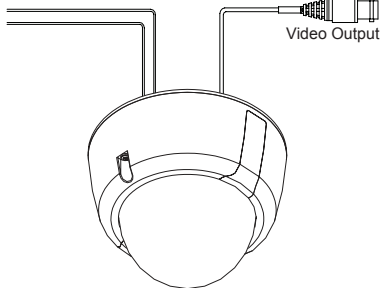
- ❺ Position the lens, and adjust the zoom and focus.



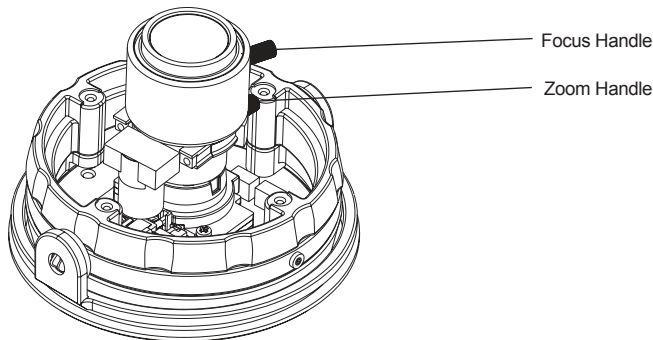
- ❻ Assemble the outer dome cover with the camera module.

CONNECTING TO MONITORS*

DC12V / AC24V

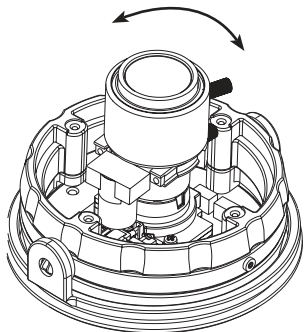


ADJUSTING THE CAMERA LENS*

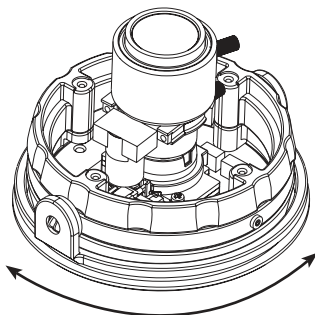


- ❶ Loosen the zoom and focus handles by rotating them counter-clockwise.
- ❷ Adjust the field of view by moving the handle to the RIGHT (tele) to zoom in or to the LEFT (wide) to zoom out.
- ❸ AFTER the desired zoom position is established, adjust the focus the same way as described above.
- ❹ Once the desired adjustments have been made, please tighten the handles back by turning them clockwise.

ADJUSTING THE CAMERA'S POSITION*



60.0° Tilt



360.0° Pan

TROUBLESHOOTING

Before sending your camera for repair, check the following or contact our technical specialist.

FOR NO VIDEO

Check the coaxial cable and make sure it is connected securely.

Check the lens' iris adjustment at the camera's OSD menu.

Check the power supply and make sure the camera has the proper voltage and current.

FOR OUT-OF-FOCUS VIDEO

Check the clear dome cover and the lens for dirt or fingerprints. Use a soft cloth and gently clean. Check the lens' manual focal and zoom adjustment. The use of a field test monitor is recommended.



WARRANTY INFORMATION*

Digital Watchdog (referred to as “the Warrantor”) warrants the Digital Watchdog Camera against defects in materials or workmanship as follows:

LABOR: For the initial five (5) years and one (1) year on IR LED from the original purchase date, if the camera is determined to be defective, the Warrantor will repair or replace the unit with a new or refurbished product at its option at no charge.

PARTS: In addition, the Warrantor will supply replacement parts for the initial five (5) years and one (1) year on IR LED.

To obtain warranty or out of warranty service, please contact a Technical Support Representative at **1-866-446-3595** Monday through Friday from 8:30AM to 8:00PM Eastern Standard Time.

A purchase receipt or other proof of the original purchase date is required before warranty service is rendered. This warranty only covers failures due to defects in materials and workmanship which arise during normal use. This warranty does not cover damage which occurs in shipment or failures which are caused by products not supplied by the Warrantor or failures which result from accident, misuse, abuse, neglect, mishandling, misapplication, alteration, modification, faulty installation, set-up adjustments, improper antenna, inadequate signal pickup, maladjustment of consumer controls, improper operation, power line surge, improper voltage supply, lightning damage, rental use of the product or service by anyone other than an authorized repair facility or damage that is attributable to acts of God.

LIMITS & EXCLUSIONS*

There are no express warranties except as listed. The warrantor will not be liable for incidental or consequential damages (including damage to recording media without limitation) resulting from the use of these products or arising out of any breach of the warranty. All express and implied warranties, including the warranties of merchantability and fitness for particular purpose, are limited to the applicable warranty period set forth above.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions or limitations listed above may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state-to-state.

If the problem is not handled to your satisfaction, then write to the following address:

Digital Watchdog, Inc.
ATTN: RMA Department
5436 W. Crenshaw Street
Tampa, FL 33634

Service calls which do not involve defective materials or workmanship as determined by the Warrantor, in its sole discretion, are not covered. Costs of such service calls are the responsibility of the purchaser.

SPECIFICATIONS*

DWC-D1363D & DWC-D1363D922	
VIDEO	
Image Sensor	1/3" CCD
Total Pixels	811 (H) x 508 (V), 411K Pixels
Effective Pixels	768 (H) x 494 (V)
Frequency	15.734KHz (H), 59.95Hz (V)
Synchronization	Internal or Line Lock
Horizontal Resolution	570 TV Lines [B&W], 540 TV Lines [Color]
Minimum Illumination	F1.2 (30IRE): 0.01 Lux [Color] F1.2 (30IRE): 0.00 Lux [B&W]
S/N Ratio	52dB (AGC off)
Video Output	CVBS: 1.0Vp-p / 75 Ω
LENS	
Focal Length	3.3-12mm
Lens Type	DC Auto Iris
OPERATIONAL	
Day & Night	Electronic
3D-DNR	OFF / LOW / MID / HIGH / SMART
Back Light Compensation	OFF / BLC / HME / DRC
Privacy Zones	OFF / ON (4 Programmable Zones)
Language	ENGLISH / CHINESE

ENVIRONMENTAL

Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)
Operating Humidity	Less than 90% (Non-Condensing)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)

ELECTRICAL

Power Requirement	12VDC
Power Consumption	12VDC: 1.1, 91.7mA

MECHANICAL

Housing Material	Plastic
Dome Cover Material	Polycarbonate
Dimensions	Ø123.8 x 85 mm (Ø4.9 X 3.35 in)
Weight	0.7 lbs

*Specification is subject to change without prior notice.

MEMO*

MEMO*



Everything's Digital

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technicalsupport@dwcc.tv

Technical Support Hours : Monday-Friday

8:30am to 8:00pm EST