

DWC-B362DIR Digital Bullet Camera

User Manual



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 manufacture.

TROUBLESHOOTING

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

No VIDEO

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

Check the lens' iris adjustment at the menu setup of the camera.

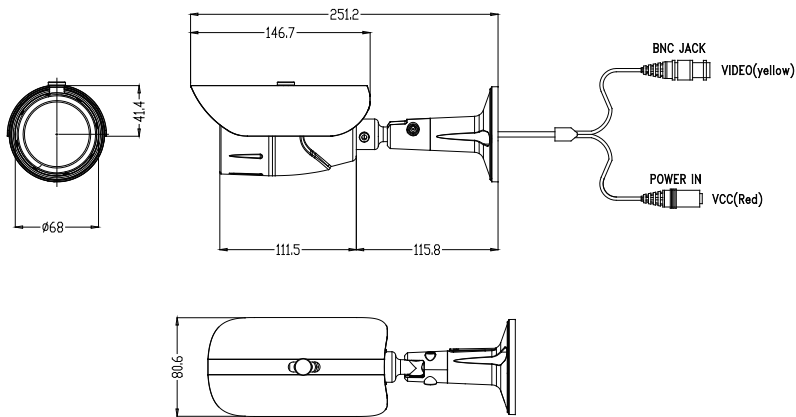
Check the power supply and make sure the camera has the proper voltage and current.

Out-of-Focus VIDEO

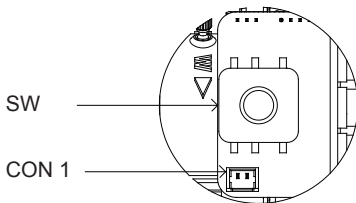
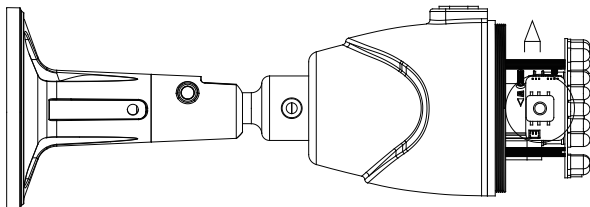
Check the clear dome cover and the lens for dirt or fingerprints. Use a soft cloth and gently clean.

Check the lens manual focal and zoom adjustment. Field test monitor is recommended.

DIMENSIONS IN MILLIMETERS*



CONTROL BOARD*

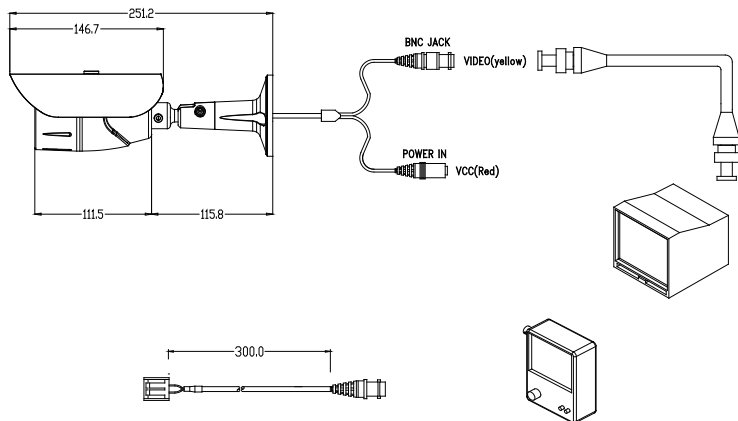


FUNCTIONAL OF CONTROL BOARD

[1] SW : Functional control of OSD (On Screen Display)

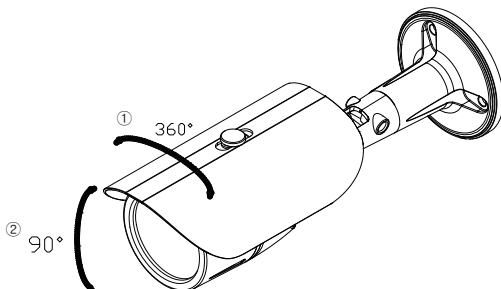
[2] CON 1 : Second Video Output Connector

CONNECTIONS*



CAUTION :
Check for polarity when using a DC 12V & AC 24V power supply.

CAMERA SETTING ANGLE*





ATTENTION

- Do not rotate ① more than 360°
- Do not unnecessarily twist ② too many times.

OSD MENU SETTINGS*

EXPOSURE	
LENS	DC / MANUAL
SHUTTER	1/160, 1/100, FLC, 1/250 ~ 100000
BLC	OFF / ON
	BLC (Back Light Compensation)
AGC	OFF ~ 36dB
EXIT JUMP	
COLOR	
WB MODE	AWC / ATW / PUSH LOCK / MANUAL (AWC is recommended.)
R - Y GAIN	0 ~ 255
B - Y GAIN	0 ~ 255
EXIT JUMP	
DAY&NIGHT	
DAY&NIGHT MODE	AUTO / COLOR / BW
EXIT JUMP	
FUNCTION	
MIRROR	OFF / ON
SHARPNESS	0 ~ 49
GAMMA	0.05 ~ 1.00 / USER
SLC	OFF / ON
	SLC (Side Light Compensation)
HME	OFF / ON
	HME (Highlight Masking Exposure)
DRC	OFF / ON
	DRC (Dynamic Range Compressor)
EXIT JUMP	

MOTION	
MOTION	OFF / ON
	SET WINDOW
	ALL SET (Set the Entire Screen)
	ALL CLEAR (Clear the Entire Screen)
	SENSITIVITY (0 ~ 55)
	SHOW INDICATOR (OFF / Icon / TRACE)
	DELAY OUT (1 ~ 15)
	Motion Alarm Zoom-In Delay
EXIT JUMP	
PRIVACY	
MASK 1	OFF / ON
	SET WINDOW
MASK 2	OFF / ON
	SET WINDOW
MASK 3	OFF / ON
	SET WINDOW
MASK 4	OFF / ON
	SET WINDOW
COLOR SET	BLACK / GRAY / COLOR 1 ~ 6
EXIT JUMP	

 SETUP	
CAMERA ID	0 ~ 255
TITLE EDIT	↕
TITLE RESET	↓
TITLE POS.	TOP_L/TOP_R/BOT_L/BOT_R
DPC SET	OFF / ON WHITE THR. 0~255 BLACK THR. 0~255 DPC LEVEL. 0~255
LANGUAGE	English, Chinese
PC CONT.	OFF / ON
EXIT JUMP	
 EXIT	
EXIT	
SAVE & EXIT	
FACTORY SET	

WARRANTY INFORMATION*

Digital Watchdog (referred to as "the Warrantor") warrants Camera Series against defects in materials or workmanship as follows.

LABOR : For the initial two (2) years from the date of original purchase, if the camera is determined to be defective, the Warrantor will repair or replace the unit, with new or refurbished product at its option, at no charge.

PARTS : In addition, the Warrantor will supply replacement parts for the initial two (2) years.

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.

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.

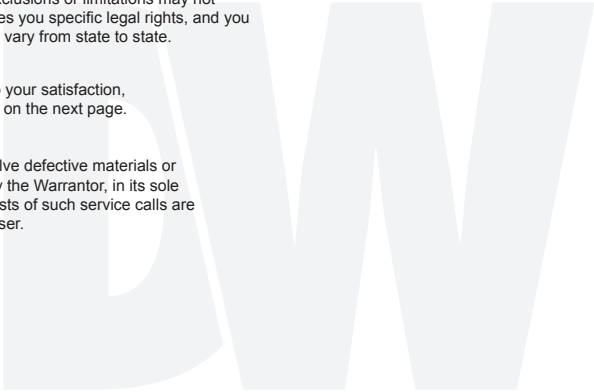
LIMITS AND EXCLUSIONS*

There are no express warranties except as listed above. The Warrantor will not be liable for incidental or consequential damages (including, without limitation, damage to recording media) 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 above exclusions or limitations 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 Address listed on the next page.

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*

Specifications		
Model	B362DIR	
Camera TYPE	Color/BW	Ture Day/Night Digital Bullet IR Camera
Image	Device	1/3" Super HAD II CCD
	Pixels-Total	811(H) x 508(V)
	Pixels-Effective	768(H) x 494(V)
Scanning	System	525 line, 2:1 Interlace
	Horizontal Frequency Internal Mode	15.734Hz (=NTSC)
	Horizontal Frequency Line-Lock Mode	15.750Hz (=NTSC)
	Vertical Frequency Internal Mode	59.94Hz (=NTSC)
	Vertical Frequency Line-Lock Mode	60Hz (=NTSC)
Min. Scene Illumination	IR-LED on	0.0 Lux
OSD Controls	BLC	ON / OFF
	Mirror	ON / OFF
	SLC	ON / OFF
	HME	ON / OFF
	DRC	ON / OFF
	Motion Detection	ON / OFF (Area / Sensitivity)
	Privacy Zone	4 Programmable Zone / Size
Lens	Focal Length	3.3 ~ 12mm (3.6x Optical)
Resolution	Horizontal	520 TV Lines [at TDN (B/W) :560 TV Lines]
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p(75 Load)
S/N Ratio		50dB
Environmental Conditions	Operating Temperature	-10℃ ~ +55℃ (14°F ~ 131°F)
	Humidity	Less than 90%
Power	Power Requirement	12VDC / 24VAC
	Power Consumption	DC12 [V] LED off : 1.7 [W]
		DC12 [V] LED on : 4.1 [W]
		AC24 [V] LED off : 2.2 [W]
		AC24 [V] LED on : 4.1 [W]
Physical Specification	Dimensions (H x L)	80.6 x 251.2mm
	Nema Type	IP66



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Tel : 866-446-3595 / 813-888-9555

Fax : 813-888-9262

www.Digital-Watchdog.com

technicalsupport@dwcc.tv

Technical Support Hours : Monday-Friday

8:30am to 8:00pm Eastern Time