

INSTRUCTION MANUAL

B1365T

About manual

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



WARRANTY INFORMATION

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

LABOR: For the initial five (5) 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 five (5) years. To obtain warranty or out of warranty service, please contact a Technical Support Representative at **1-866-446-3595** Monday through Friday from 9:00 AM to 5:00 PM Eastern.
A purchase receipt or other proof of the date of the original purchase 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.

PRECAUTIONS

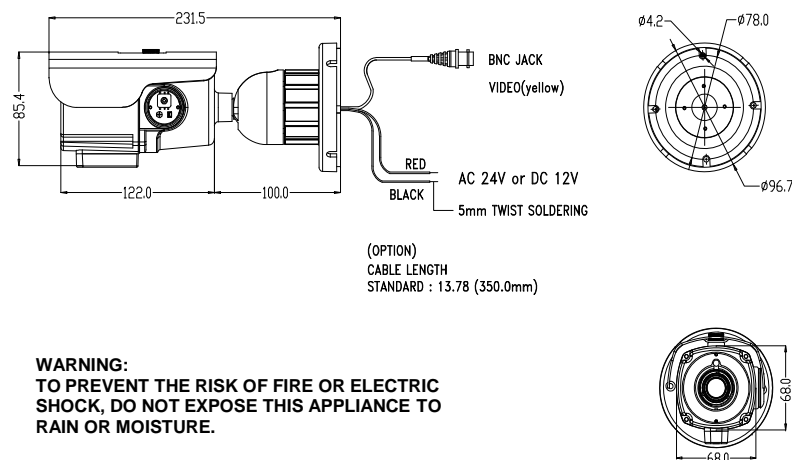
- Do not open or modify
Do not open the case except during maintenance and installation, as it may be dangerous and cause damages.
- Do not put objects inside the unit
Make sure that no metal objects or flammable substances get inside the camera. It could cause fire, short-circuits or damages.
- Be careful when handling the unit
To prevent damage, do not drop the camera or subject it to strong shock or vibration.
- Install away from electric or magnetic fields
- Protect from humidity and dust
- Protect from high temperature
Be careful when installing close to the ceiling, in a kitchen or boiler room, as the temperature may rise to high levels.
- Cleaning
Dirt can be removed from the case only by wiping it with a soft cloth moistened with a soft detergent solution.
- Mounting Surface
The mounting surface material must be strong enough to support the camera.

TROUBLESHOOTING

Before sending the camera out for repair, check the items below. If the problem persists after checking these items, contact your service center.

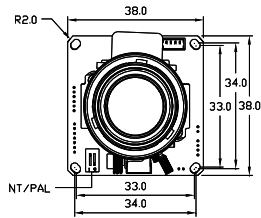
- **If no image appears.**
Is the coaxial cable attached securely?
Are the power and voltage normal?
Has the iris of the lens inside the camera been adjusted correctly (with the level volume) ?
Is there adequate illumination?
- **If the image is unclear**
Is the lens in focus?
Is the lens dirty?
Dirt of fingerprints on the lens can adversely affect the images.
Gently wipe any dirt or fingerprints off the lens with a soft cloth or lens cleaning paper and cleaning fluid (commercially available).
Is the monitor adjusted correctly?

DIMENSION (mm)



WARNING:
TO PREVENT THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAMERA SETTINGS



● DIP switch setting

	1	2
ON	NTSC	x
OFF	PAL	x

■ OSD MENU CONTROL

- CENTER KEY – Used to access menu mode, Also used to confirm the setting
- UP/DOWN KEY – Used to choose the desired menu selection.
- LEFT/RIGHT KEY – Used to choose the desired menu feature adjustment.

■ OSD MENU ENTER/EXIT

A. OSD MENU ENTER

- Pushing Center Key for 3 seconds.

B. OSD MENU EXIT

- Press EXIT Menu from Main Menu
- If Pressing Set Key for 3 seconds from Main Menu appears
In this case, just press Set Key.

C. 'SAVE' and 'QUIT'

- Left or Right Key – Selecting Menu
- Up or Down Key – Returning to Menu

1. Press the SET key to access the main setup mode.
2. Select the desired feature using the UP or Down key.
3. Change the status of the selected feature using the LEFT or RIGHT key.

■ MAIN MENU

A. SETUP ID

- DISPLAY ID
 - ON :The ID name will displayed in the monitor.
 - OFF : The name will not displayed in the monitor.
- CAMERA ID : You can be written to 12 characteristic.
- ID POSITION : Select on screen position of the camera ID.

B. LENS

- MANUAL : Use When using Manual lens.
- DC : You can control the brightness of the screen and adjust the desired DC level from 10 to -42.

C. WDR

- EXPO(EXPOSURE): It has the effect of lightening or darkening the picture
- WDR (Wide Dynamic Range) : You can adjust

D. WB CONTROL

- ATW (Auto Tracking White Balance) : The camera automatically control the white balance in any environment.
- AWB (Auto White Balance) : The white balance is automatically adjusted in a specific environment.
- MANUAL : Users can adjust the colors by adding or reducing the WB level. You can adjust the desired WB level from 2,500K to 9,500K

E. AGC

- ON : Activate automatic gain control feature. You can adjust the desired AGC level from 0 to 36dB.
- OFF : Deactivate automatic gain control feature.

F. LOW LIGHT

- SLOW SHUTTER : Control Image brightness by adjusting shutter speed
 - AGC : shutter speed setting(Range 28 to 42)
 - MAX FIELD : Shutter open from Min. x2 to Max. x32 filed accumulation period.
- B&W SS (Black and White Slow Shutter)
- GAIN : To get brighter picture.

G. SYNC

- INTERNAL : Internal synchronization
- LINE LOCK : Phase adjustment may be necessary in multiple camera installations to prevent picture roll when switching between cameras

H. RS485

- CAMERA # : Selectable from 1 to 255
(Note : Pelco D is the default)

I. DAY/NIGHT

- AUTO : For automatic switchover from day mode to night
(Note : This setting is dependent on the AGC setting.)
- B/W : To keep a B/W image at all times
- COLOR : To keep a color image at all times
- CDS : External input signal control

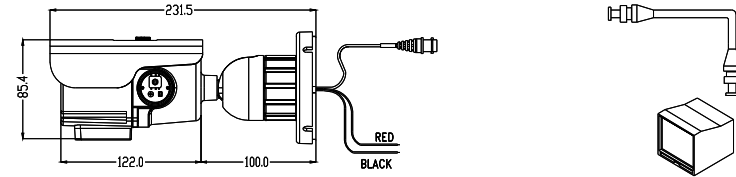
J. EXIT MENU

- EXIT NO CHANGES : No change
- SAVE NEW AND EXIT : Save change
- RESTORE FACTORY SETTINGS : Factory default
- SW REV

K. PREVIOUS PAGE

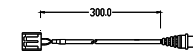
- PREVIOUS PAGE : Return page

CONNECTION

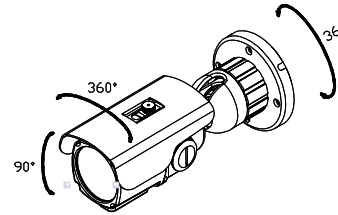


CAUTION :

Check for polarity when using a DC 12V / AC 24V.



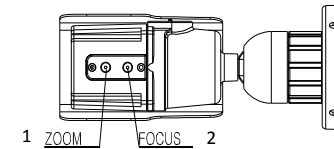
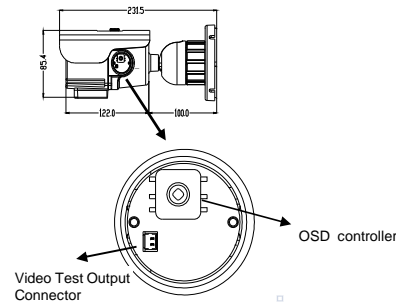
CAMERA SETTING ANGLE



※ ATTENTION

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

CONTROL BOARD & LENS ADJUSTMENT



1. Rotate Zoom lever with the supplied Allen key.
2. Rotate Focus lever with the supplied Allen key.

FUNCTIONAL OF CONTROL BOARD

- [1]Functional control of O.S.D(On Screen Display)
- [2]Functional of VIDEO OUT(2ND)

Model		B1365T
Camera TYPE	Color/B/W	PIXIM Bullet Camera
	Mount	3D Bracket
Image	Device	1/3" PIXIM
	Pixels-Total	742(H) x 552(V)
	Pixels-Effective	720(H) x 540(V)
Scanning	System	525 line, 2:1Interlace
	Horizontal Frequency Internal Mode	15,734 Hz
	Vertical Frequency Internal Mode	59.94 Hz
Min. Scene Illumination	F1.2	0.08 Lux [TDN 0.01 Lux]
WDR	WDR Level	-20 to 20
OSD Controls	Slow Shutter	2X ~ 32X
	AGC	ON / OFF (Gain Adjust)
	AWB	ATW / AWC / Manual
Lens	Focal Length	Pan-Focus Lens [3.3 ~ 12mm (3.6x Optical)]
Resolution	Horizontal	540 TV Lines [at TDN (B/W) :570 TV Lines]
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p (75 Load)
S/N Ratio	S/N Ratio	48dB
Environmental Conditions	Operating Temperature	-10°C ~ +55°C (14°F ~ 131°F)
	Humidity	Less than 90%
Power	Power Requirement	12VDC/24VAC
	Power Consumption	12VDC: 310mA, 1A (Heater ON) 24VDC: 225mA, 500mA (Heater ON)
Physical Specification	Dimensions(H x L)	85.4 x 231.5mm
	Nema Type	IP66
	Weight	2,2 lbs
Certifications	CE, FCC, RoHS	Certified