

V1362DIR / V1363TIR / V1382TIR Vandal Dome 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 a 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.

TROUBLESHOOTING

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

▪ No Video

Is the coaxial cable attached securely?

Is the power and voltage within operational specification?

Has the Iris of the lens been adjusted correctly based on specification levels?

Is there adequate illumination?

▪ Out-of-Focus Video

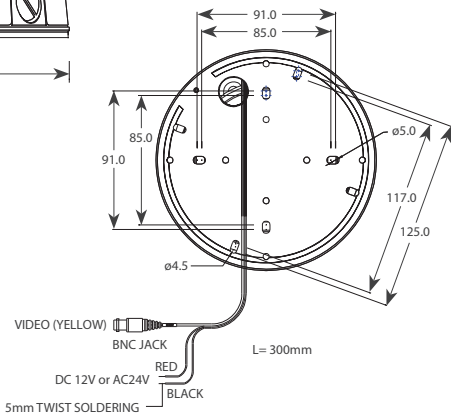
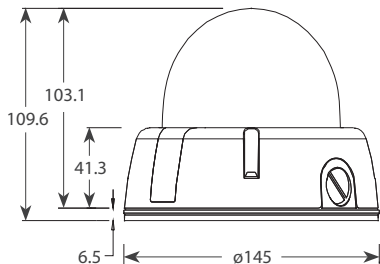
Is the lens in focus?

Is the lens dirty?

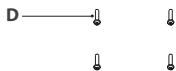
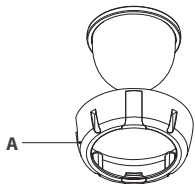
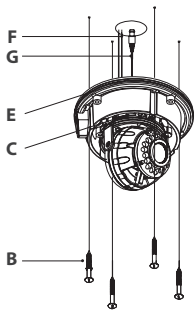
Dirt or fingerprints on the lens can adversely affect the image. Gently wipe any dirt or fingerprints off the lens with cleaning fluid (commercially available) and a soft cloth or lens cleaning paper.

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

DIMENSIONS IN MILLIMETERS*



INSTALLATION*



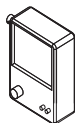
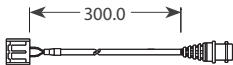
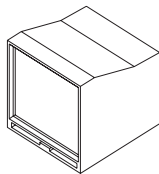
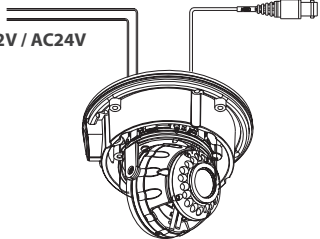
1. Loosen the Fixing Screw (D), using a screw driver.
2. Separate the Upper Case (A) and the Base (E).
3. Detach the Gimbal (C) from the Base (E).
4. Cut a hole in the ceiling for routing the cables.
5. Place the Base (E) horizontally against the ceiling and drill the screw holes at the two marked positions.
6. Pass the Power Cable (F) and Video Cable (G) from the camera unit through the cable hole in the ceiling.
7. Align the screw holes of the camera unit with the holes in the ceiling. Secure the camera to the ceiling with the two screws.
8. Fix Gimbal (C) to the Base (E).
9. Install and adjust the camera unit.
10. Adjust the dome liner to show the lens through the camera window, and then fix it to the Base (E).
11. Attach the Upper Case (A) with the Base (E) and tighten the Fixing Screws (D).

CONNECTION*

DC12V



DC12V / AC24V



CAUTION : CHECK FOR POLARITY WHEN USING A DC12V POWER SUPPLY.

CAMERA SETTINGS*

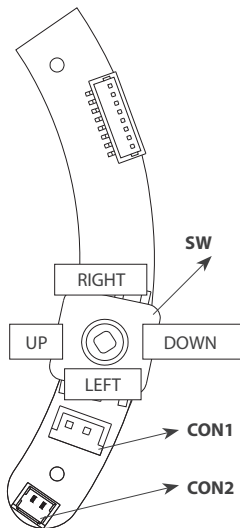
■ LENS ADJUSTMENT



1. Set the zoom level to the desired position by moving the Zoom Lever.
2. Set the focus, using the Focus Lever.

CAMERA SETTING FOR SIDE OSD CONTROL BOARD*

V1362DIR, V1363TIR, V1382TIR



FUNCTIONAL OF CONTROL BOARD

[1] SW

Functional control of O.S.D(On Screen Display)

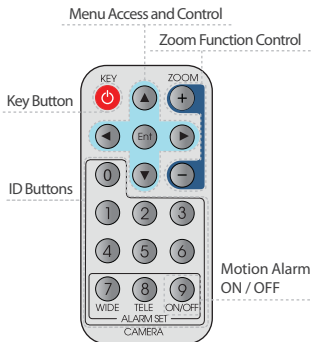
[2] CON1

Second Video output connector

[3] CON2

RS-485 connector

REMOTE CONTROL *



NOTE : PRESS [KEY] + [ID]

(DEFAULT IS "001" FOR ID=1)










PRESS [ENT] TO ACCESS THE MENU

NOTE : THE CAMERA ID IS A 3-DIGIT NUMBER.

■ REMOTE CONTROL Instructions



1. Set the Camera iD in the OSD menu. The default setting is 001. **NOTE :** If the Camera ID is modified, you must reset the power for the new settings to apply. Once you reset the power, the camera will recognize the new Camera ID.
2. If you press the KEY Button, the camera display will turn into the standby image. **NOTE :** The LED flickers for approximately 20 seconds.
3. Input the same number used as the Camera ID to the Remote Controller. After the number has been input, the LED light will turn on, and the remote controller will be ready to use. **NOTE :** The ID number is 3 digits.
4. The ZOOM In (+) and ZOOM Out (-) Keys are used to control the zoom of your camera lens and to select the zoom area of alarm function. Select the area where you wish to observe the movement of objects.
5. Select the zoom range by pressing the WIDE (7) Key. Save the zoom range by pressing the TELE (8) Key. **NOTE:** If the zoom range is smaller than the alarm standby range, the zoom range setting will not be saved.

MODULE OSD MENU* (V1362DIR)

EXPOSURE	COLOR	DAY&NIGHT
 <ul style="list-style-type: none"> ├ BRIGHTNESS ├ SHUTTER ├ BLC └ AGC 	 <ul style="list-style-type: none"> ├ WB MODE 	 <ul style="list-style-type: none"> ├ D&N MODE
FUNCTION	MOTION	PRIVACY
 <ul style="list-style-type: none"> ├ MIRROR ├ SHARPNESS ├ GAMMA ├ SLC ├ HME └ DRC 	 <ul style="list-style-type: none"> ├ ALARM 	 <ul style="list-style-type: none"> ├ MASK 1 ├ MASK 2 ├ MASK 3 ├ MASK 4 └ COLOR SET
SYNC	SETUP	EXIT
 <ul style="list-style-type: none"> ├ SYNC 	 <ul style="list-style-type: none"> ├ CAMERA ID ├ TITLE EDIT ├ TITLE RESET ├ TITLE POSITION ├ DPC SET ├ LANGUAGE └ PC CONT. 	 <ul style="list-style-type: none"> ├ EXIT ├ SAVE & EXIT └ FACTORY RESET










OSD MENU* (V1362DIR)

EXPOSURE	
BRIGHTNESS	MANUAL (ELC LEVEL : 0 ~ 100) / DC (DC LEVEL : 0 ~ 31)
SHUTTER	1/60, 1/100FLC, 1/120 ~ 1/100000
BLC	OFF / ON BLC (Back Light Compensation)
AGC	OFF / 12dB ~ 36dB AGC (Auto Gain Control)
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET
COLOR	
WB MODE	AWC / ATW / MANUAL / PUSHLOCK (AWC is recommended.)
R-Y GAIN	0 ~ 255
B-Y GAIN	0 ~ 255
DAY & NIGHT	
Day & Night Mode	AUTO / COLOR / BW
	COLOR --> BW: Switching from COLOR to BW; If the number is higher, the camera will only switch during a super low light condition.
	BW --> COLOR: Switching from BW to COLOR; This number should be always lower than COLOR --> BW
	Read Time: Time interval to switch from COLOR to BW
	COLOR:
	BW: BURST (OFF/ON); When the burst is OFF, the picture will have less noise.
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET

 FUNCTION	
MIRROR	OFF / MIRROR
SHARPNESS	0 ~ 49
GAMMA	USER / 0.45 / 0.6 / 1.00
SLC	OFF / ON (0 ~ 50) SLC (Side Light Compensation)
HME	OFF / ON (0 ~ 55) HME (Highlight Masking Exposure)
DIS	OFF / ON DIS (Digital Image Stabilizer)
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET
 MOTION (OMNI-Plus Cameras Only)	
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	EXIT / SAVE&EXIT / FACTORY SET

PRIVACY	
MASK 1	OFF / ON ↵
MASK 2	OFF / ON ↵
MASK 3	OFF / ON ↵
MASK 4	OFF / ON ↵
COLOR SET	BLACK / GRAY / COLOR 1~ 6
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET
SYNC	
SYNC MODE	INTERNAL / AUTO
V-PHASE	0 ~ 199
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET
SETUP	
CAMERA ID	0 ~ 255
TITLE EDIT	
TITLE RESET	
TITLE POS.	
DPC	OFF / AUTO DPC (Dead Pixel Cancellation)
LANGUAGE	English / Chinese
PC CONT.	OFF / ON
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET
EXIT	
EXIT	Exit the menu
SAVE&EXIT	Exit the menu and save the setting
FACTORY SET	Reset the menu setting to factory default




MODULE OSD MENU* (V1363TIR)

EXPOSURE	COLOR	DAY&NIGHT
 <ul style="list-style-type: none"> — BRIGHTNESS — SHUTTER — BLC / HME — AGC — STARLIGHT — NIGHT-UP 	 <ul style="list-style-type: none"> — WB MODE — R-Y GAIN — B-Y GAIN 	 <ul style="list-style-type: none"> — D&N MODE — C_SUP — A_SUP
FUNCTION	MOTION	PRIVACY
 <ul style="list-style-type: none"> — MIRROR — SHARPNESS — GAMMA — FREEZE — NEGATIVE — D-ZOOM — 3D DNR — DRC 	 <ul style="list-style-type: none"> — MOTION 	 <ul style="list-style-type: none"> — PRIVACY
SYNC	SETUP	EXIT
 <ul style="list-style-type: none"> — SYNC 	 <ul style="list-style-type: none"> — TITLE EDIT — PC CONTROL — LANGUAGE — MONITOR — OSD COLOR — OMNI LENS 	 <ul style="list-style-type: none"> — EXIT — SAVE & EXIT — FACTORY RESET










OSD MENU* (V1363TIR)

EXPOSURE	
BRIGHTNESS	0 ~ 100
SHUTTER	1/60, FLK, 1/250 ~ 1/100000
BLC/HME	OFF / BLC / HME
AGC	HIGH / MIDDLE / LOW / OFF AGC (Auto Gain Control)
STARLIGHT	AUTO (x2 ~ x256) / OFF
NIGHT-UP	NORMAL / HIGH
EXIT JUMP	EXIT / SAVE & EXIT / FACTORY SET
COLOR	
WB MODE	AWC / AWT / PUSH LOCK / MANUAL / INDOOR / OUTDOOR
R-Y GAIN	0 ~ 100
B-Y GAIN	0 ~ 100
EXIT JUMP	EXIT / SAVE & EXIT / FACTORY SET
DAY & NIGHT	
Day & Night Mode	AUTO: READ TIME(3~63) / S-LEVEL(0~100) / E-LEVEL(0~100) COLOR --> BW: Switching from COLOR to BW; If the number is higher, the camera will only switch during a super low light condition BW --> COLOR: Switching from BW to COLOR; This number should be always lower than COLOR --> BW. Read Time: Time interval to switch from COLOR to BW.
	COLOR
	B&W Mode: BURST (OFF / ON); There is less noise when the BURST is OFF. SMART IR (OFF / ON)
C-SUP	Color Suppression: Color will be reduced at low illumination, if the C-SUP Level is set higher. 0 ~ 63
A-SUP	Aperture Suppression: The sharpness of the edges will be reduced at low illumination, if A-SUP level is set higher. 0 ~ 15
EXIT JUMP	EXIT / SAVE & EXIT / FACTORY SET

FUNCTION	
MIRROR	OFF / MIRROR / V-FLIP / ROTATE
SHARPNESS	0 ~ 31
GAMMA	0.05 ~ 1.00 / USER
FREEZE	OFF / ON
NEGATIVE	OFF / ON
D-ZOOM	OFF / ON (x1.0 ~ x32 PTZ)
3D-DNR	ON (0~100) / OFF 3D Digital Noise Reduction
DRC	OFF / INDOOR / OUTDOOR Dynamic Range Compressor
EXIT JUMP	EXIT / SAVE & EXIT / FACTORY SET
MOTION (OMNI-Plus Cameras Only)	
MOTION	OFF ON AREA SELECT (AREA 1~4) AREA SET (POSITION / SIZE) SENSITIVITY (0~40) MOTION TRACE (OFF / ON) MOTION VIEW (OFF / ON) RETURN
EXIT JUMP	EXIT / SAVE & EXIT / FACTORY SET
PRIVACY	
PRIVACY	OFF ON AREA SELECT (1~8) AREA SET (POSITION / SIZE) COLOR (0~15) RETURN
EXIT JUMP	EXIT / SAVE & EXIT / FACTORY SET

 SYNC	
SYNC	INTERNAL / LINE
EXIT JUMP	EXIT / SAVE & EXIT / FACTORY SET
 SETUP	
TITLE EDIT	OFF / ON
PC CONTROL (RS485 Control)	CAM ID / ID DISPLAY (OFF/ON) / BAUDRATE (2400 / 4800 / 9600) The protocol is PELCO-D.
LANGUAGE	ENG / KOR / JPN / CHN1 / CHN2 / RUS / FRAN / SPAN / ITAL
MONITOR	CRT / LCD Select LCD only if the camera is directly connected to the LCD monitor.
OSD COLOR	0 ~ 15
OMNI LENS	OFF (OMNI-Plus Cameras Only)
	ON ↓ ALARM / READ TIME / ALARM ZOOM / STAND BY / RETURN
DEFECT	WHITE DEFECT CANCEL MODE
EXIT JUMP	EXIT / SAVE & EXIT / FACTORY SET
 EXIT	
EXIT	
SAVE & EXIT	
FACTORY SET	

MODULE OSD MENU* (V1382TIR)

EXPOSURE	COLOR	DAY&NIGHT
 <ul style="list-style-type: none"> — BRIGHTNESS — SHUTTER — BLC — AGC — MAX_DR — STARLIGHT 	 <ul style="list-style-type: none"> — WB MODE — R-Y GAIN — B-Y GAIN 	 <ul style="list-style-type: none"> — D&N MODE — C_SUP — A_SUP
FUNCTION	MOTION	PRIVACY
 <ul style="list-style-type: none"> — MIRROR — SHARPNESS — GAMMA — FREEZE — NEGATIVE — 3D DNR — D-ZOOM — SLC — HME — DIS 	 <ul style="list-style-type: none"> — MOTION 	 <ul style="list-style-type: none"> — MASK 1 — MASK 2 — MASK 3 — MASK 4 — MASK 5 — MASK 6
SYNC	SETUP	EXIT
 <ul style="list-style-type: none"> — SYNC 	 <ul style="list-style-type: none"> — CAMERA ID — TITLE — DPC — MONITOR — LANGUAGE — BAUDRATE — OMNI LENS 	 <ul style="list-style-type: none"> — EXIT — SAVE & EXIT — FACTORY RESET

OSD MENU* (V1382TIR)

EXPOSURE	
BRIGHTNESS	0 ~ 99
SHUTTER	1/60, 1/100FLC, 1/120~1/100000
BLC	OFF / ON BLC (Back Light Compensation)
AGC	HIGH / MIDDLE / LOW / OFF AGC (Auto Gain Control)
MAX_DR	OFF / ON (0~20) (Electronic Wide Dynamic Range)
STARLIGHT	AUTO (x2 ~ x256) / OFF (x32 is recommended for low light application.)
EXIT JUMP	EXIT / SAVE & EXIT / FACTORY SET
COLOR	
WB MODE	AWC / ATW / MANUAL / PUSHLOCK (AWC is recommended.)
R-Y GAIN	0 ~ 255
B-Y GAIN	0 ~ 255
EXIT JUMP	EXIT / SAVE & EXIT / FACTORY SET
DAY & NIGHT	
Day & Night Mode	AUTO / COLOR / BW / EX-CONT COLOR --> BW: Switching from COLOR to BW; If the number is higher, the camera will only switch during a super low light condition. BW --> COLOR: Switching from BW to COLOR; This number should be always lower than COLOR --> BW. Read Time: Time interval to switch from COLOR to BW.
	COLOR
	BW: BURST (OFF/ON); When the BURST is OFF, the picture will have less noise.
	Color Suppression: Color will be reduced at low illumination, if the C_SUP Level is higher / 0 ~ 100. (Not available when 3D-DNR is ON.)
C-SUP	Aperture Suppression: Edge sharpness will be reduced at low illumination, if A_SUP Level is higher / 0 ~ 100. (Not available when 3D-DNR is ON.)
A-SUP	
EXIT JUMP	EXIT / SAVE & EXIT / FACTORY SET

FUNCTION	
MIRROR	OFF/MIRROR/V-FLIP/ROTATE
SHARPNESS	0 ~ 49
GAMMA	0.05 ~ 1.00 / USER
FREEZE	OFF / ON
NEGATIVE	OFF/ ON
3D-DNR	OFF / LOW / MIDDLE / HIGH 3D DNR (3D Digital Noise Reduction)
D-ZOOM	OFF / ON(x1.0 ~ x3.0 Digital PTZ)
SLC	OFF / ON SLC (Side Light Compensation)
HME	OFF / ON HME (Highlight Masking Exposure)
DIS	OFF / ON DIS (Digital Image Stabilizer)
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET
MOTION (OMNI-Plus Cameras Only)	
MOTION	OFF / ON
	SET WINDOW
	ALL SET (Set the Entire Screen)
	ALL CLEAR (Clear the Entire Screen)
	SENSITIVITY (1 ~ 120)
	SHOW INDICATOR (OFF / ICON / TRACE)
	DELAY OUT (1 ~ 15) Motion Alarm Zoom-In Delay
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET

PRIVACY

PRIVACY	MASK 1 OFF / ON ↵
	MASK 2 OFF / ON ↵
	MASK 3 OFF / ON ↵
	MASK 4 OFF / ON ↵
	MASK 5 OFF / ON ↵
	MASK 6 OFF / ON ↵
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET

SYNC

SYNC MODE	INTERNAL / AUTO
V-PHASE	0 ~ 199
EXIT JUMP	EXIT / SAVE & EXIT / FACTORY SET

SETUP

CAMERA ID	0 ~ 254
TITLE	OFF / ON
DPC	OFF / AUTO DPC (Dead Pixels Cancellation)
MONITOR	CRT / LCD (Select LCD only if the camera is directly connected to LCD monitor.)
LANGUAGE	English / Chinese
BAUDRATE	2400 / 4800 / 9600 / 14400 / 19200 / 38400 The protocol is PELCO-D. It is fixed and cannot be changed.)
OMNI LENS	OFF / 1 ~ 10 (OMNI-Plus Cameras Only)
EXIT JUMP	EXIT / SAVE & EXIT / FACTORY SET

EXIT

EXIT	Exit the menu
SAVE&EXIT	Exit the menu and save the setting
FACTORY SET	Reset the menu setting to factory default

SPECIFICATIONS*

Model	V1362DIR	
Camera TYPE	Color/BW	Vandal Dome Camera
	Mount	Surface
Image	Device	Super HAD II CCD
	Size	1/3"
	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
	Vertical Frequency Internal Mode	59.94Hz
Min. Scene Illumination	IR-LED On	0.0 Lux
Functions	BLC	ON / OFF (Area Setting)
	AGC	ON / OFF (Gain Adjust)
	AWB	ATW / AWC / MANUAL / PUSHLOCK
	Mirror	ON / OFF
	Motion Detection	ON / OFF
	Privacy Zone	4 Programmable Zone / Size
Lens	Focal Length	3.3 ~ 12mm Varifocal Auto Iris Lens
Resolution	Horizontal	540 TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p(75 Load)
S/N Ratio	S/N Ratio	50dB
OSD	OSD	YES
Environmental Conditions	Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)
	Humidity	Less than 90%
Power	Power Requirement	12VDC / 24VAC
	Power Consumption	12VDC: 1.96W, 163.3mA / 24VAC: 2.2W, 91.7mA
		12VDC: 4.4W, 366.7mA / 24VAC: 3.0W, 125mA (LED ON)
Physical Specification	Dimensions(φ x H)	109.6 X 145mm, 4.31 X 5.71in
IP Rating	IP66	

SPECIFICATIONS*

Model	V1363TIR		
Camera TYPE	Color/BW	Vandal Dome Camera	
	Mount	Surface	
Image	Device	Super HAD II CCD	
	Size	1/3"	
	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	
	Horizontal Frequency Line-Lock Mode	15.750Hz	
	Vertical Frequency Internal Mode	59.94Hz	
	Vertical Frequency Line-Lock Mode	60Hz	
Min. Scene Illumination	IR-LED On	0.0 Lux	
Functions	STAR-LIGHT	OFF / AUTO (x2 ~ x256)	
	3D-DNR	OFF / ON	
	AGC	OFF / LOW / MIDDLE / HIGH	
	AWB	ATW / AWC / INDOOR / OUTDOOR / MANUAL / PUSHLOCK	
	Motion Detection	OFF / ON (Area / Sensitivity)	
	Privacy Zone	8 Programmable Zone / Size	
	Lens	Focal Length	3.3 ~ 12mm Varifocal Auto Iris Lens
	Resolution	Horizontal	560TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p (75 Load)	
S/N Ratio	S/N Ratio	52dB	
OSD	OSD	YES	
Environmental Conditions	Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)	
	Humidity	Less than 90%	
Power	Power Requirement	12VDC / 24VAC	
	Power Consumption	12VDC: 1.96W, 163.3mA / 24VAC: 2.2W, 91.7mA	
		12VDC: 4.4W, 366.7mA / 24VAC: 3.0W, 125mA (LED ON)	
Physical Specification	Dimensions(φ x H)	109.6 X 145mm, 4.31 X 5.71in	
IP Rating	IP66		

SPECIFICATIONS*

Model	V1382TIR	
Camera TYPE	Color/BW	Vandal Dome Camera
	Mount	Surface
Image	Device	Super HAD II CCD
	Size	1/3"
	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
	Vertical Frequency Internal Mode	59.94Hz
Min. Scene Illumination	IR-LED On	0.0 Lux
Functions	EWDR	ON / OFF
	STAR-LIGHT	OFF / AUTO (x2 ~ x256)
	3D-DNR	OFF / LOW / MIDDLE / HIGH
	DIS	ON / OFF
	Motion Detection	ON / OFF (Area / Sensitivity)
	Privacy Zone	6 Programmable Zone / Size
Lens	Focal Length	2.9 ~ 8.5mm OMNI-Focus Lens
Resolution	Horizontal	580 TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p (75 Load)
S/N Ratio	S/N Ratio	50dB
OSD	OSD	YES
Environmental Conditions	Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)
	Humidity	Less than 90%
Power	Power Requirement	12VDC / 24VAC
	Power Consumption	12VDC: 1.96W, 163.3mA / 24VAC: 2.2W, 91.7mA
		12VDC: 4.4W, 366.7mA / 24VAC: 3.0W, 125mA (LED ON)
Physical Specification	Dimensions(φ x H)	109.6 X 145mm, 4.31 X 5.71in
IP Rating	IP66	

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 8:30AM to 8:00PM EST.

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 or 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 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 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.



5436 W Crenshaw St. Tampa, FL 33634

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 EST