

**DWC-D2252DIR, D2262DIR, D2362DIR
DWC-D2363D, D2363TIR
DWC-D2367WD, D2367WTIR
Indoor 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.

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.

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.

FEATURES* - D2252DIR, D2262DIR

- 1/3" Sony Super HAD II CCD
- 420 TV Lines
- 3.6mm Fixed Lens (D2252DIR)
3.3 ~ 12m Varifocal Auto Iris Lens (D2262DIR)
- 100ft Range IR with Intelligent Camera Sync
- Electronic Day and Night
- DRC (Dynamic Range Compressor)
- HME (Highlight Masking Exposure)
- SLC (Side Light Compensation)
- AGC / BLC / AWB
- Negative Imaging
- Mirror Image Control
- Programmable Privacy Zone (4) & Motion Detection
- Easy Icon Driven OSD Menu with Built-in Joystick
- Auto Sensing 12VDC/24VAC with Line Lock
- 12VDC Transformer Included
- Secondary Video-BNC Output

FEATURES* - D2362DIR

- 1/3" Sony Super HAD II CCD
- 540 TV Lines
- 3.3 ~ 12mm Varifocal Auto Iris Lens
- 100ft Range IR with Intelligent Camera Sync
- Electronic Day and Night
- DRC (Dynamic Range Compressor)
- HME (Highlight Masking Exposure)
- SLC (Side Light Compensation)
- AGC / BLC / AWB
- Negative Imaging
- Mirror Image Control
- 12VDC Transformer Included
- Programmable Privacy Zone (4) & Motion Detection
- Easy Icon Driven OSD Menu with Built-In Joystick
- Secondary Video-BNC Output

FEATURES* - D2363D

- 1/3" Sony Super HAD II CCD560 TV Lines
- 3.3~12mm Varifocal Auto Iris Lens
- Electronic Day and Night
- Star-Light (Super Low Light Technology)
- DRC (Dynamic Range Compressor)
- 3D-DNR (3D Digital Noise Reduction)
- HME (Highlight Masking Exposure)

- BLC (Back Light Compensation)
- Programmable Privacy Zone (8) & Motion Detection
- Easy Icon Driven OSD Menu with Built-in Joystick
- Auto Sensing 12VDC/24VAC with Line Lock
- Secondary Video-BNC Output

FEATURES* - D2363TIR

- 1/3" Sony Super HAD II CCD
- High Resolution 560 TV Lines
- 3.3 ~ 12mm Varifocal Auto Iris Lens
- 100ft Range IR with Intelligent Camera Sync
- True Day and Night / TDN5
- Star-Light (Super Low Light Technology)
- DRC (Dynamic Range Compressor)
- 3D-DNR (3D Digital Noise Reduction)
- HME (Highlight Masking Exposure)
- AGC / BLC / AWB
- Programmable Privacy Zone (8) & Motion Detection
- Easy Icon Driven OSD Menu with Built-in Joystick
- Auto Sensing 12VDC/24VAC with Line Lock
- Secondary Video-BNC Output

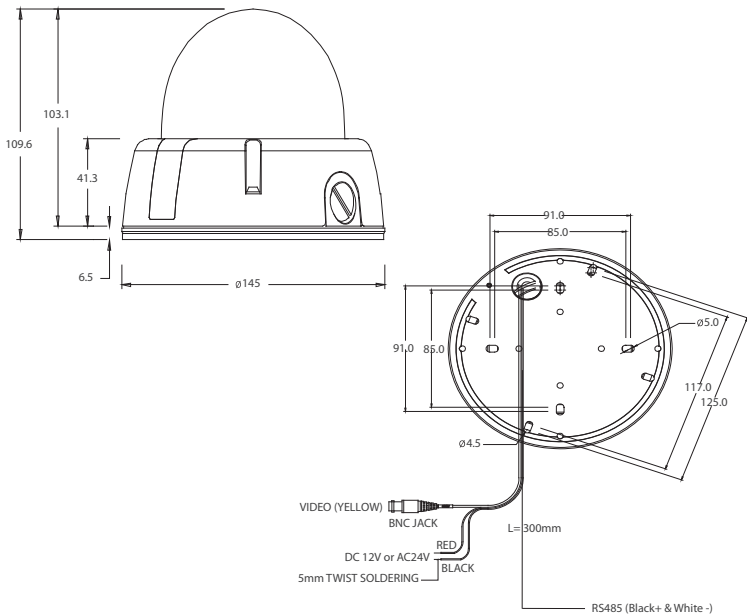
FEATURES* -D2367WD

- 1/3" Sony Super HAD II CCD
- 560 TV Lines
- 3.3 ~ 12mm Varifocal Auto Iris Lens
- Electronic Day and Night
- EWDR (Electronic Wide Dynamic Range)
- Star-Light (Super Low Light Technology)
- DSS (Digital Slow Shutter)
- 3D-DNR (3D Digital Noise Reduction)
- DIS (Digital Image Stabilizer)
- HME (Highlight Masking Exposure)
- AGC / BLC / AWB
- Programmable Privacy Zone (6) & Motion Detection
- Easy Icon Driven OSD Menu with Built-in Joystick
- Auto Sensing 12VDC/24VAC with Line Lock
- Secondary Video-BNC Output

FEATURES* -D2367WTIR

- 1/3" Sony Super HAD II CCD
- 560 TV Lines
- 3.3 ~ 12mm Varifocal Auto Iris Lens
- 100ft Range IR with Intelligent Camera Sync
- True Day and Night / TDN5
- EWDR (Electronic Wide Dynamic Range)
- Star-Light (Super Low Light Technology)
- DSS (Digital Slow Shutter)
- 3D-DNR (3D Digital Noise Reduction)
- DIS (Digital Image Stabilizer)
- HME (Highlight Masking Exposure)
- AGC / BLC / AWB
- Programmable Privacy Zone (6) & Motion Detection
- Easy Icon Driven OSD Menu with Built-in Joystick
- Auto Sensing 12VDC/24VAC with Line Lock
- Secondary Video-BNC Output

DIMENSION (mm)*



Power Requirement *

Power Wire Maximum Distance		
Wire Gauge	12VDC	24VAC
24 AWG	80ft	323ft
22 AWG	128ft	513ft
20 AWG	203ft	815ft
18 AWG	323ft	1295ft
16 AWG	514ft	2056ft
14 AWG	816ft	3264ft
12 AWG	1295ft	5183ft
10 AWG	2057ft	8228ft

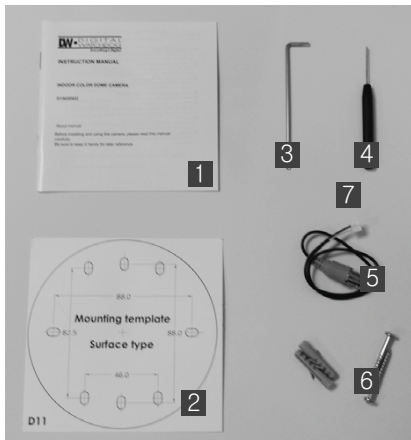
Coaxial Cable Type Maximum Distance

RG59/U 750ft
RG6/U 1,000feet
RG11/U 1,500feet

Power Requirement

12VDC at 1A
24VAC at 500mA

INSTALLATION*



Included with Digital Watchdog Camera:

1. User Manual
2. Mounting Template
3. Security L-Key
4. Single Sided Hex Key
5. Secondary BNC Cable for a Field Monitor
6. Four (4) Screws and Four (4) Dry Wall Anchors

Camera Installation

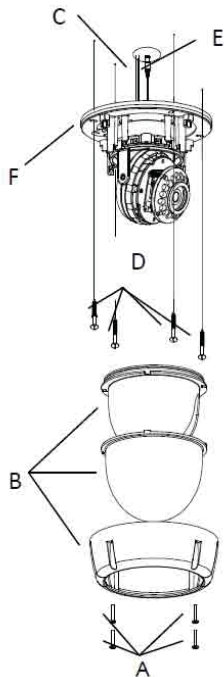
Use the Mounting Template (2) when mounting the camera.

Use the Security L-Key (3) to loosen the Four Screws that secure the vandal-proof dome cover. Remove the cover; then, remove the inner screw holes to mount the camera.

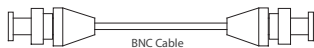
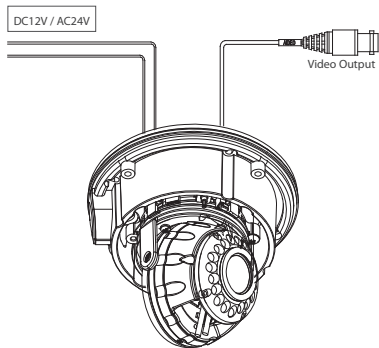
NOTE: Keep the lens and the vandal proof cover free from dust or fingerprint.

INSTALLATION*

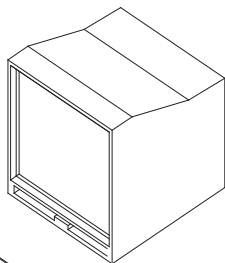
- A. Loosen the Screws (A) with the Security L-Key included with your camera.
- B. Separate the Upper Case (B) from the Base (F).
- C. Cut a hole in the ceiling for routing the cables.
- D. Use the Mounting Template to drill the four screw holes on the surface of the ceiling.
- E. Pass the Power Cable (C) and the Video Cable (E) from the camera unit through the hole in the ceiling.
- F. Align the screw holes of the camera unit with the holes in the ceiling. Secure the four screws.
- G. Install and adjust the camera unit.
- H. Assemble the Upper Case (B) and the Base (F).
- I. Put the upper case and the base together.
- J. Tighten the outer Screws (A) using the Security L-Key.



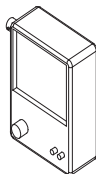
CONNECTION*



Main Monitor



Field Test Monitor



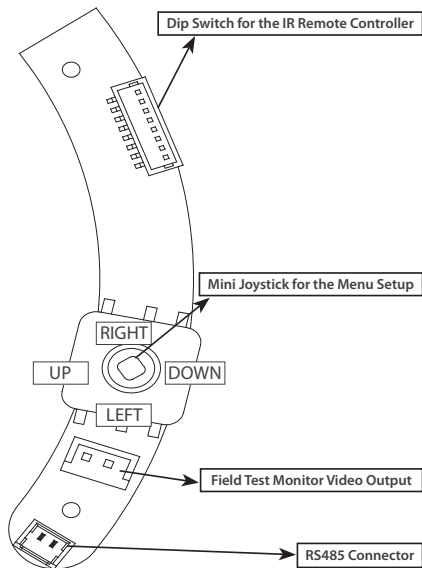
LENS ADJUSTMENT*












- A. Move the Zoom Lever until you get the desired position.
- B. Move the Focus Lever until you get the desired focus.

CAMERA SETTING & ON-SCREEN DISPLAY*

D2252DIR, D2262DIR, D2362DIR, D2363D, D2363TIR, D2367WD, D2367WTIR





MODULE OSD MENU* (D2252DIR, D2262DIR, D2362DIR)

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* (D2252DIR, D2262DIR, D2362DIR)

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* (D2363D, D2363TIR)

EXPOSURE	COLOR	DAY&NIGHT
 <ul style="list-style-type: none"> — BRIGHTNESS — SHUTTER — BLC / HME — AGC — 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 — 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* (D2363D, D2363TIR)

 EXPOSURE	
BRIGHTNESS	0 ~ 100
SHUTTER	1/60, FLK, 1/120 ~ 1/100000
BLC	OFF / ON , BLC (Back Light Compensation)
AGC	HIGH / MIDDLE / LOW / OFF AGC (Auto Gain Control)
STARLIGHT	OFF / AUTO (x2 ~ x256) x32 is recommended.
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET
 COLOR	
WB MODE	AWC / ATW / INDOOR / OUTDOOR / PUSHLOCK / MANUAL
R-Y GAIN	0 ~ 100
B-Y GAIN	0 ~ 100
 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 always be lower than COLOR --> BW.
	Read Time: Time interval to switch from Color to BW.
	COLOR
	B&W: BURST (OFF/ON); There is less noise when the BURST is OFF.
C-SUP	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.)
A-SUP	ApertureSuppression: The sharpness of the edges will be reduced at low illumination, if A-SUP Level is higher. 0 ~ 100 (Not Available when 3D-DNR is On.)
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
3D-DNR	OFF / ON (0 ~ 100) 3D-DNR (3D Digital Noise Reduction)
D-ZOOM	OFF / ON (x1.0 ~ x32 PTZ)
DRC	OFF / INDOOR / OUTDOOR DRC (Dynamic Range Compressor)
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)
MOTION	DELAY OUT (1 ~ 15) Motion Alarm Zoom-In Delay
	EXIT JUMP


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
	MASK 7 OFF / ON
	MASK 8 OFF / ON
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET
SYNC	
SYNC	INTERNAL / AUTO
V-PHASE	0 ~ 199
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET
SETUP	
CAMERA ID	0 ~ 255
TITLE EDIT	OFF / ON
DPC	OFF / ON Dead Pixels Cancellation
MONITOR	CRT / LCD
LANGUAGE	English,Japanese, Chinese
BAUDRATE	2400 / 4800 / 9600 / 14400 / 19200 / 38400. Protocol is PELCO-D. It is hardcoded into the DSP, so it 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


MODULE OSD MENU* (D2367WD, D2367WTIR)





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* (D2367WD, D2367WTIR)

 EXPOSURE	
LENS	DC (0~100) / MANUAL / VIDEO. (DC Lens is recommended.)
SHUTTER	1/60, 1/100FLC, 1/120 ~ 1/100000
BLC	OFF / ON BLC (Back Light Compensation)
AGC	HIGH / MIDDLE / LOW / OFF Auto Gain Control
MAX-DR	OFF / ON (0~ 20) (Electronic Wide Dynamic Range)
STARIGHT	OFF / AUTO (x2 ~ x256) x32 is recommended.
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET
 COLOR	
WB MODE	AWC / ATW / MANUAL / PUSH LOCK
R-Y GAIN	0 ~ 100
B-Y GAIN	0 ~ 100
 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 always be lower than COLOR --> BW. Read Time: Time interval to switch from Color to BW.
	COLOR
	B&W: BURST (OFF/ON); There is less noise when the BURST is OFF.
C-SUP	Color Suppression: Color will be reduced at low illumination, if the C-SUP Level is higher. 0 ~ 100 (Not Available (Not Available when 3D-DNR is On.)
A-SUP	Aperture Suppression: The sharpness of the edges will be reduced at low illumination, if A-SUP Level is higher. 0 ~ 100 (Not Available when 3D-DNR is On.)
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
3D-DNR	OFF / LOW / MIDDLE / HIGH 3D Digital Noise Reduction
D-ZOOM	OFF / ON (x1.0 ~ x32 PTZ)
SLC	OFF / ON Side Light Compensation
HME	OFF / ON Highlight Masking Exposure
DIS	OFF / ON 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)
MOTION	DELAY OUT (1 ~ 15) Motion Alarm Zoom-In Delay
	EXIT JUMP

 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	INTERNAL / AUTO
V-PHASE	0 ~ 199
EXIT JUMP	EXIT / SAVE&EXIT / FACTORY SET
 SETUP	
CAMERA ID	0 ~ 255
TITLE EDIT	OFF / ON
DPC	OFF / AUTO DPC (Dead Pixels Cancellation)
MONITOR	CRT / LCD
LANGUAGE	English, Japanese, Chinese
BAUDRATE	2400 / 4800 / 9600 / 14400 / 19200 / 38400. Protocol is PELCO-D. It is hardcoded into the DSP, so it 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	D2252DIR / D2262DIR	
Camera TYPE	Color/BW	Indoor Dome Camera
	Mount	Surface
Image	Device	Super HAD II CCD
	Size	1/3"
	Pixels-Total	537(H) x 505(V)
	Pixels-Effective	510(H) x 492(V)
Scanning	System	525 line, 2:1Interlace
	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 / PUSH LOCK
	DRC	ON / OFF
	Motion Detection	ON / OFF
	Privacy Zone	4 Programmable Zone / Size
Lens (D2252DIR)	Focal Length	3.6mm Fixed Lens
Lens (D2262DIR)	Focal Length	3.3 ~ 12mm Varifocal Auto Iris Lens
Resolution	Horizontal	420 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
	Power Consumption	0.9W, 75mA / 2.9W, 242mA (LED ON)
Physical Specification	Dimensions(φ x H)	110.3 X 134.9mm, 4.34 X 5.31in

SPECIFICATIONS*

Model	D2362DIR	
Camera TYPE	Color/BW	Indoor 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, 2:1Interlace
	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 / PUSH LOCK
	DRC	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 [at TDN (B/W) :560 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
	Power Consumption	0.9W, 75mA / 2.9W, 242mA (LED ON)
Physical Specification	Dimensions(φ x H)	110.3 X 134.9mm, 4.34 X 5.31in

SPECIFICATIONS*

Model	D2363D	
Camera TYPE	Color/BW	Indoor Dome Camera
Image	Mount	Surface
	Device	Super HAD II CCD
	Size	1/3"
Scanning	Pixels-Total	811 (H) x 508 (V)
	Pixels-Effective	768 (H) x 494 (V)
	System	525 line, 2:1Interlace
	Horizontal Frequency Internal Mode	15,734Hz
	Vertical Frequency Internal Mode	59.94Hz
Min. Scene Illumination	F1.2	0.14 Lux [Color], 0.03 Lux [B/W]
Functions	BLC	ON/OFF
	AGC	HIGH / MIDDLE / LOW / OFF
	DRC	OFF / INDOOR / OUTDOOR
	STAR-LIGHT	OFF / AUTO (x2 ~ x256)
	3D-DNR	OFF / ON (0~100)
	Privacy Zone	8 Programmable Zone / Size
Lens	Focal Length	3.3~12mm Varifocal Auto Iris Lens
Resolution	Horizontal	560 TV Lines [Color]; 580 TV Lines [BW]
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℃ ~ +55℃ (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
Physical Specification	Dimensions	110.3 X 134.9mm, 4.34 X 5.31in
	Weight	0.6lbs
	Certifications	FCC, RoHS, CE

SPECIFICATIONS*

Model	D2363TIR	
Camera TYPE	Color/BW	Indoor Dome Camera
Image	Mount	Surface
	Device	Super HAD II CCD
	Size	1/3"
Scanning	Pixels-Total	811 (H) x 508 (V)
	Pixels-Effective	768 (H) x 494 (V)
	System	525 line, 2:1Interlace
Min. Scene Illumination	Horizontal Frequency Internal Mode	15,734Hz
	Vertical Frequency Internal Mode	59.94Hz
Functions	IR-LED On	0.0Lux
	IR Distance	100ft Range
Lens	BLC	ON/OFF
	DRC	OFF / INDOOR / OUTDOOR
	STAR-LIGHT	OFF / AUTO (x2 ~ x256)
	3D-DNR	OFF / ON (0~100)
	HME	OFF / ON
	Privacy Zone	8 Programmable Zone / Size
Resolution	Focal Length	3.3~12mm Varifocal Auto Iris Lens
	Horizontal	560 TV Lines [Color]; 580 TV Lines [BW]
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 ℃ ~ +55 ℃ (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: 4.3W, 358.3mA / 24VAC: 3.0W, 125mA (LED ON)
Physical Specification	Dimensions	110.3 X 134.9mm, 4.34 X 5.31in
	Weight	0.8lbs
	Certifications	FCC, RoHS, CE

SPECIFICATIONS*

Model	D2367WD	
Camera TYPE	Color/BW	Indoor 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, 2:1Interlace
	Horizontal Frequency Internal Mode	15,734Hz
	Vertical Frequency Internal Mode	59.94Hz
Min. Scene Illumination	F1.2	0.14 Lux [Color], 0.03 Lux [B/W]
Functions	DIS	ON/OFF
	AGC	HIGH / MIDDLE / LOW / OFF
	EWDR	OFF / ON
	Mirror	OFF / MIRROR / V-FLIP / ROTATE
	STAR-LIGHT	OFF / AUTO (x2 ~ x256)
	Privacy Zone	6 Programmable Zone / Size
	Focal Length	3.3~12mm Varifocal Auto Iris Lens
Resolution	Horizontal	560 TV Lines [Color]; 580 TV Lines [BW]
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: 1.8W, 150mA / 24VAC: 2.4W, 100mA

SPECIFICATIONS*

Model	D2367WTIR	
Camera TYPE	Color/BW	Indoor 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, 2:1Interlace
	Horizontal Frequency Internal Mode	15,734Hz
	Vertical Frequency Internal Mode	59,94Hz
Min. Scene Illumination	IR-LED On	0.0 Lux
	IR Distance	100ft Range
Functions	AGC	HIGH / MIDDLE / LOW / OFF
	STAR-LIGHT	AUTO (x2 ~ x250) / OFF
	3D-DNR	OFF / ON
	HME	OFF / ON
	DIS	OFF / ON
	Privacy Zone	6 Programmable Zone / Size
Lens	Focal Length	3.3~12mm Varifocal Auto Iris Lens
Resolution	Horizontal	560 TV Lines [Color]; 580 TV Lines [BW]
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: 1.8W, 150mA / 24VAC: 2.4W, 100mA 12VDC: 4.6W, 383.3mA / 24VAC: 4.9W, 204.2mA

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 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 and 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.



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