

SNAP-IT

Outdoor Dome Camera

DWC-V4363D

DWC-V4363TIR

DWC-V4367WD

DWC-V4367WTIR

DWC-V4382TIR

DWC-V4365T

DWC-V4363DH

DWC-V4382TIRH

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.

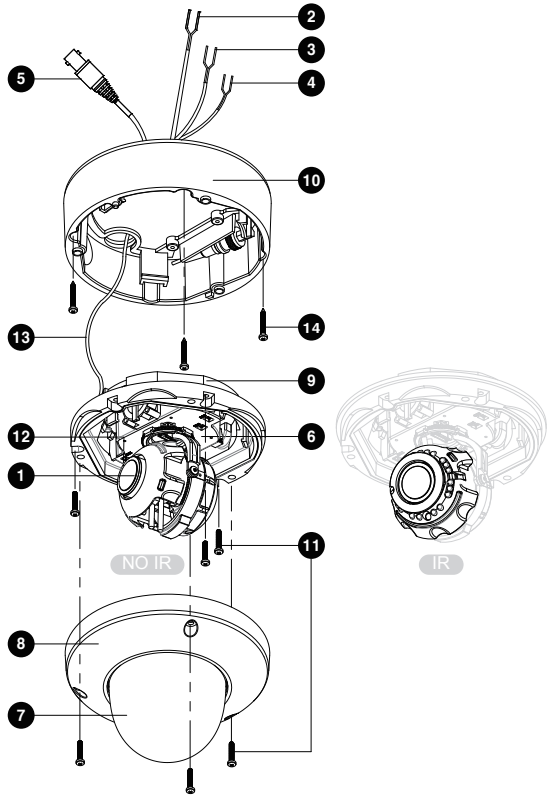
Out-of-Focus VIDEO

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.

PART & DESCRIPTIONS*

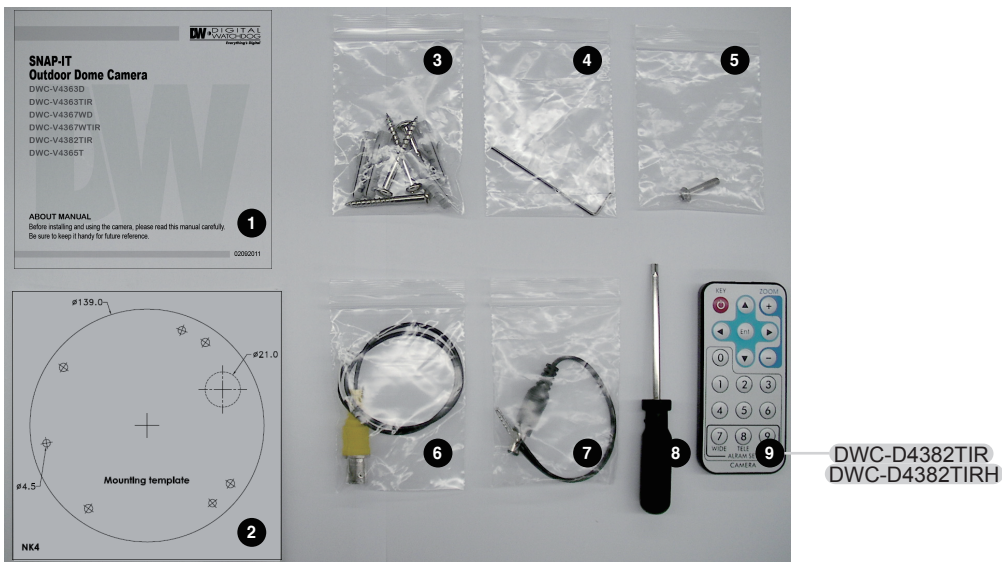
- 1 Lens
- 2 Power Input Connector
DC 12V /AC 24V Voltage
- 3 UPT
- 4 RS 485
- 5 Video Output Connector - BNC
- 6 Camera Control Board
- 7 Bubble
- 8 Upper Case
- 9 Flush Mount Case
- 10 Surface Mount Case
- 11 Assembly Screws
#8 - 32 x 0.75
- 12 2nd Video Connector
- 13 Safety Wire
- 14 Mounting Screws



INSTALLATION*

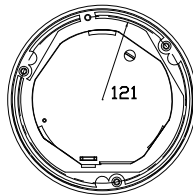
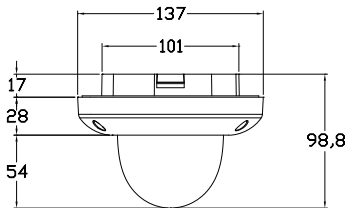
Included with DW Outdoor Dome Camera

- | | |
|---|-------------------------|
| 1. User Manual | 6. 2nd Video Jack |
| 2. Mounting Template | 7. DC Plug |
| 3. Four(4) Screw and Four(4) Dry Wall Anchors | 8. Tool |
| 4. L-Wrench | 9. IR Remote Controller |
| 5. TORX-T20 Bolt | |

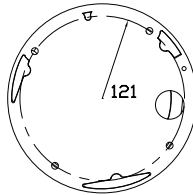
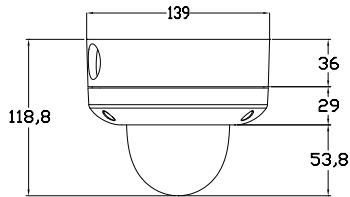


DIMENSIONS IN MILLIMETERS*

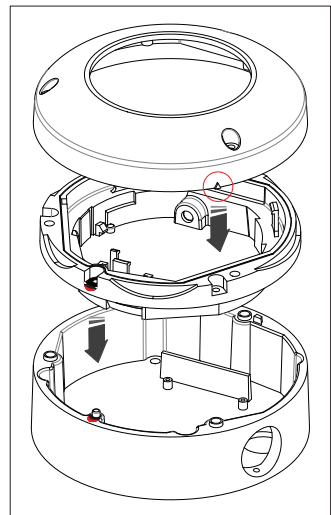
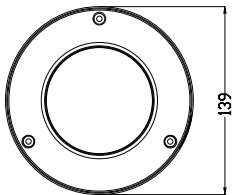
Flush Mount



Surface Mount

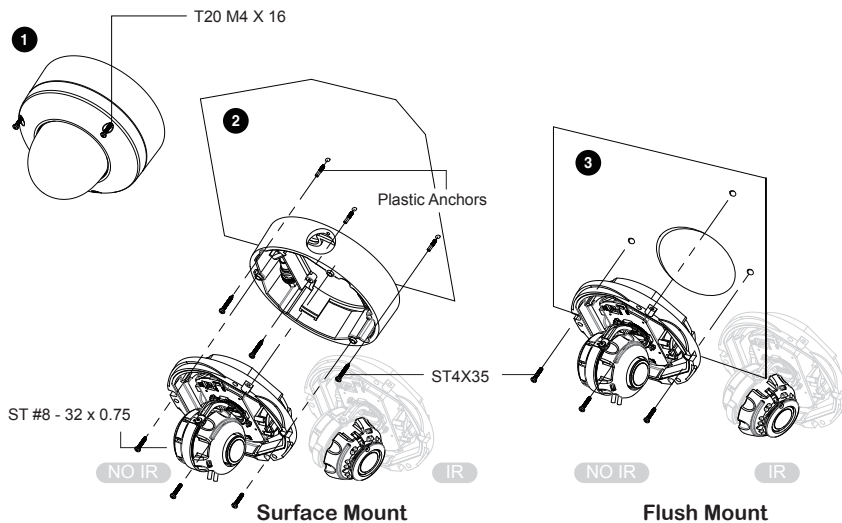


Top View



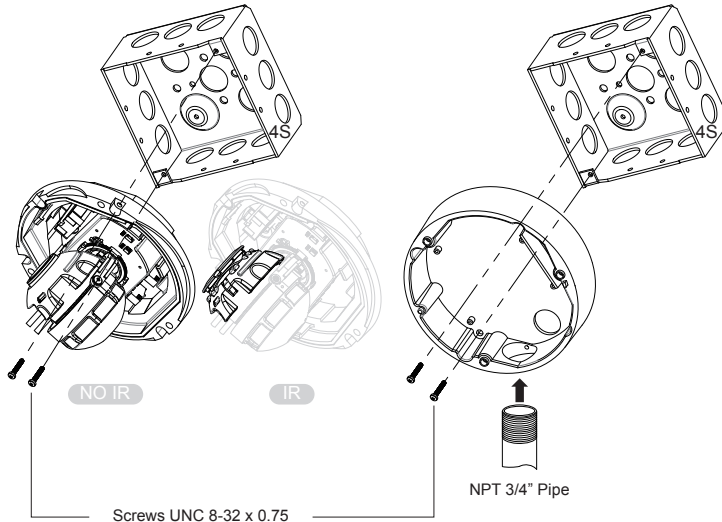
BASE INSTALLATIONS*

- Remove the dome cover by loosening the 3 screw located at the Lid(Upper).
Vandal dome uses the torx screws. Use the supplied Torx Wrench.
- **Surface Mount**
Using four ST4X35 screws provided, mount the surface mount plate to a sturdy surface. Using three screws, fix flush mount base to the surface mount plate.
- **Flush Mount**
Using four ST4X35 screws supplied, mount the surface mount plate to a sturdy surface.



MOUNTING ON ELECTRICAL JUNCTION BOX*

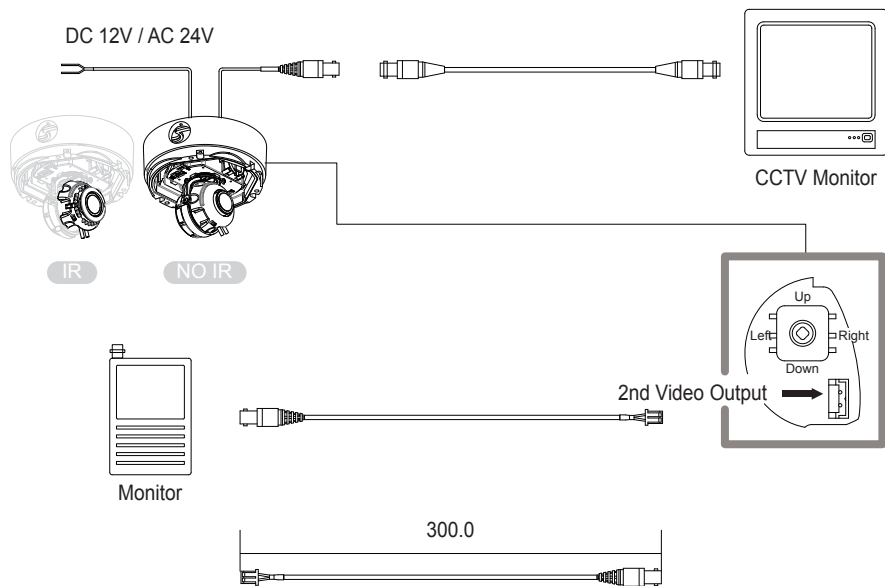
- Designed for both flush mount or surface mount applications, pre-drilled mounting holes on EasyView dome accommodate various electrical junction boxes, making installation easy and less time consuming.
- When mounting the flush mount base, surface mount plate, or both together, use the pre-drilled holes marked with the symbol for proper installation.



NOTE : Screws required for electrical junction boxes are not supplied. These screws are readily available at well-stocked electrical supply store.

CONNECTING TO MONITORS*

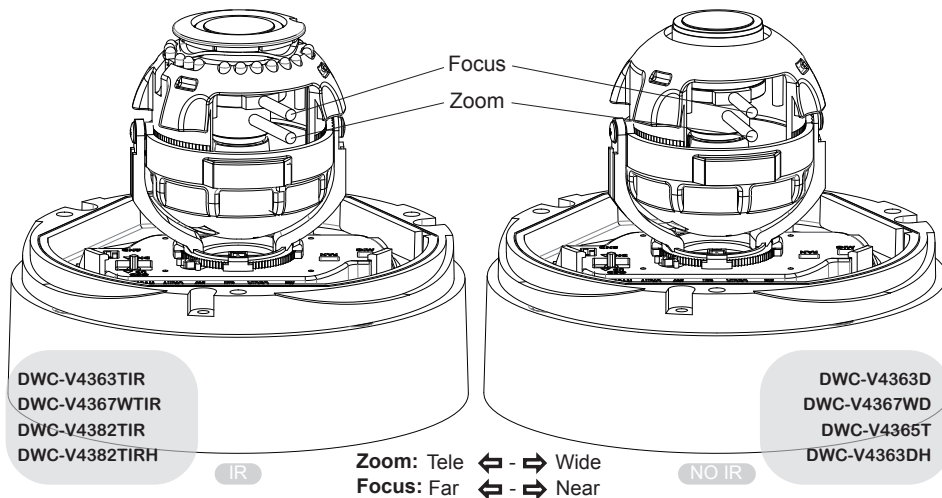
Follow the diagram below to make proper connections to CRT Monitor or the Monitor.



- Power Connection - 12V DC / 24V AC Dual Voltage(Auto Polarity Detection and Protection)
- All cameras are equipped with a 2nd video output on the camera Main Board.

ADJUSTING THE VARI-FOCAL DC AUTO IRIS LENS*

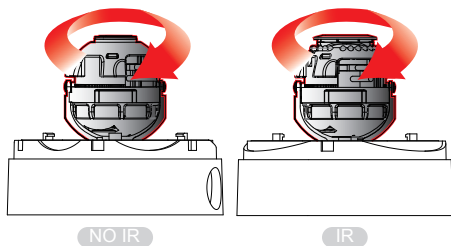
Follow the instructions provided below to make any lens adjustments.



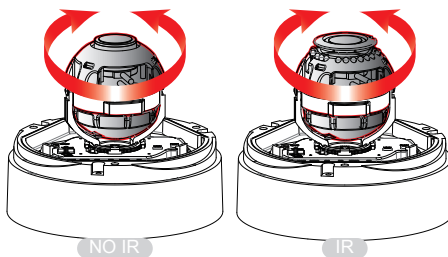
- 1 Loosen the Zoom & Focus screws.
- 2 Using the screw, move it RIGHT or LEFT to the desired position.
- 3 Once the desired adjustments have been made, tighten the screw to lock in place.
- 4 Adjust the Field of View by moving the screw towards the RIGHT(Tele) to zoom in, or towards the LEFT(Wide) to zoom out.
- 5 Adjust the Focus the same way as described above after the desired zoom position is established.

ADJUSTING 3-AXIS GIMBAL*

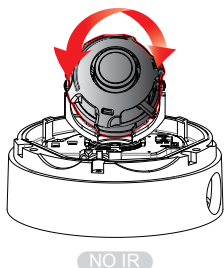
The Gimbal mechanism yields maximum rotation and placement as show below.



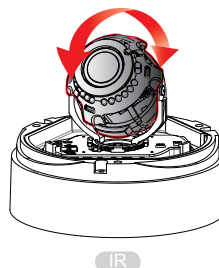
1 Rotation 360°



3 Panning 360°



2 Tilting 90°












4 Tilting 82°

FEATURES*

V4363D

- 1/3" Sony Super HAD II CCD
- 560 TV Lines
- 3.3~12mm Varifocal Auto Iris Lens
- Electronic Day and Night
- Star-Light (Super Low Light Technology)
- 3D-DNR (3D Digital Noise Reduction)
- DRC (Dynamic Range Compressor)
- HME (Highlight Masking Exposure)
- AGC / BLC / AWB
- 32X Digital Zoom / Negative Imaging
- UTP / RS485 Built-In
- Programmable Privacy Zone(8) & Motion Detection(4)
- Easy Icon Driven OSD Menu with Built-In Joystick
- Auto Sensing 12VDC or 24VAC with Line Lock
- Secondary Video-BNC Output
- IP68 Certified

MODULE OSD MENU*

| 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 (RS485 Control) — LANGUAGE — MONITOR — OSD COLOR — OMNI LENS — DEFECT |  | <ul style="list-style-type: none"> — EXIT — SAVE & EXIT — FACTORY RESET |

EXPOSURE

| | |
|------------|---|
| BRIGHTNESS | 0 ~ 100 |
| SHUTTER | 1/60 / FLK / 1/250 ~ 10000 / SENS-UP x2 ~ x256 |
| 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 → B&W : Switching from COLOR to BW; If the number is higher, the camera will only switch during a super low light condition B&W → COLOR : Switching from BW to COLOR; This number should be always lower than COLOR to 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 |
| 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 Camera 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 fixed 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 Camera 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 RESET |

SPECIFICATIONS*










| | | |
|-------------------------------|------------------------------|------------------------|
| MODEL | DWC-V4363D | |
| General Spec | NTSC | PAL |
| CCD Type | 1/3" 410K Pixels Color | 1/3" 470K Pixels Color |
| Total number of pixels | 811(H) X 508(V) | 795(H) X 596(V) |
| Minimum Illumination | 0.14Lux (F1.2, 30IRE-COLOR) | |
| | 0Lux (LED ON) | |
| Resolution | 560 TV Lines (COLOR) | |
| | 580 TV Lines (BW) | |
| Electric Spec | | |
| Voltage | DC 12[V] (11.0[V] ~ 20.0[V]) | |
| | AC 24[V] (20.0[V] ~ 30.0[V]) | |
| Power Consumption | DC 12V: 2.3W / AC 24V: 2.5W | |
| COMMON | | |
| General Spec | NTSC | PAL |
| Shutter speed | 1/60s - 1/100,000s | 1/50s - 1/100,000s |
| S/N Ratio | 52dB or More(AGC OFF) | |
| Gamma | 0.45 | |
| Sync System | Internal / Line Lock | |
| Mechanical Spec | | |
| Operation Temperature | -10℃ ~ +50℃ (14°F ~ 131°F) | |
| Storage Temperature | -20℃ ~ +70℃ | |
| Operation Humidity | Under 90% (Non-condensing) | |

FEATURES*

V4363TIR

- 1/3" Sony Super HAD II CCD
- 560 TV Lines
- 3.3~12mm Varifocal Auto Iris Lens
- 100ft Range IR with Intelligent Camera Sync
- TDN (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
- 32X Digital Zoom / Negative Imaging
- UTP / RS485 Built-In
- Junction Box Built-In
- Programmable Privacy Zone(8) & Motion Detection(4)
- Easy Icon Driven OSD Menu with Built-In Joystick
- Auto Sensing 12VDC or 24VAC with Line Lock
- Secondary Video-BNC Output
- IP68 Certified

MODULE OSD MENU*

| 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 (RS485 Control) — LANGUAGE — MONITOR — OSD COLOR — OMNI LENS — DEFECT |  | <ul style="list-style-type: none"> — EXIT — SAVE & EXIT — FACTORY RESET |

EXPOSURE

| | |
|------------|---|
| BRIGHTNESS | 0 ~ 100 |
| SHUTTER | 1/60 / FLK / 1/250 ~ 10000 / SENS-UP x2 ~ x256 |
| 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 → B&W : Switching from COLOR to BW. If the number is higher, the camera will only switch during a super low light condition B&W → COLOR : Switching from BW to COLOR. This number should be always lower than COLOR to 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 |
| 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 Camera 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 fixed 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 Camera 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 RESET |

SPECIFICATIONS*

| | | |
|-------------------------------|-----------------------------------|------------------------|
| MODEL | DWC-V4363TIR | |
| General Spec | NTSC | PAL |
| CCD Type | 1/3" 410K Pixels Color | 1/3" 470K Pixels Color |
| Total number of pixels | 811(H) X 508(V) | 795(H) X 596(V) |
| Minimum Illumination | 0.14Lux (F1.2, 30IRE-COLOR) | |
| | 0Lux (LED ON) | |
| Resolution | 560 TV Lines (COLOR) | |
| | 580 TV Lines (BW) | |
| Electric Spec | | |
| Voltage | DC 12[V] (11.0[V] ~ 20.0[V]) | |
| | AC 24[V] (20.0[V] ~ 30.0[V]) | |
| Power Consumption | LED OFF (DC12V-2.3W / AC24V-2.5W) | |
| | LED ON (DC12V-4.8W / AC24V-4.9W) | |
| COMMON | | |
| General Spec | NTSC | PAL |
| Shutter speed | 1/60s - 1/100,000s | 1/50s - 1/100,000s |
| S/N Ratio | 52dB or More(AGC OFF) | |
| Gamma | 0.45 | |
| Sync System | Internal / Line Lock | |
| Mechanical Spec | | |
| Operation Temperature | -10℃ ~ +50℃ (14°F ~ 131°F) | |
| Storage Temperature | -20℃ ~ +70℃ | |
| Operation Humidity | Under 90% (Non-condensing) | |

FEATURES*

V4367WD

V
4
3
6
7
W
D

- 1/3" Sony Super HAD II CCD
- 580 TV Lines
- 3.3~12mm Varifocal Auto Iris Lens
- Electronic Day and Night
- Star-Light (Super Low Light Technology)
- EWDR (Electronic Wide Dynamic Range)
- 3D-DNR (3D Digital Noise Reduction)
- HME (Highlight Masking Exposure)
- SLC (Side Light Compensation)
- AGC / BLC / AWB
- Negative Imaging
- 3X Digital Zoom
- Mirror Image Control
- UTP / RS485 Built-In
- Junction Box Built-In
- Programmable Privacy Zone (6) & Motion Detection
- Easy Icon Driven OSD Menu with Built-In Joystick
- Auto Sensing 12VDC or 24VAC with Line Lock
- Secondary Video-BNC Output
- IP68 Certified

MODULE OSD MENU*

| 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 SET |

EXPOSURE

| | |
|------------|--|
| BRIGHTNESS | 0 ~ 99 |
| SHUTTER | 1/60 / 1/100 / FLC / 1/250 ~ 100000 / SENS-UP x2 ~ x256 |
| 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 RESET |

COLOR

| | |
|-----------|--|
| WB MODE | AWC / ATW / MANUAL (AWC is recommended.) |
| R-Y GAIN | 0 ~ 255 |
| B-Y GAIN | 0 ~ 255 |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY RESET |

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 to BW Read Time : time interval to switch from COLOR to BW COLOR B&W : (BURST : OFF/ON) When the burst is OFF, the picture will have less noise. |
| 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 | 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) |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |

FUNCTION

| | |
|-----------|--|
| MIRROR | OFF / MIRROR / V-FLIP / ROTATE |
| SHARPNESS | 0 ~ 49 |
| GAMMA | 0.45 ~ 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

| | |
|-----------|---|
| 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

| | |
|-----------|--------------------------------|
| | 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 (RS485 ID) |
| TITLE | OFF / ON |
| DPC | OFF / AUTO DPC (Dead Pixel 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. Fixed and cannot be changed.(Hardcoded onto the DSP.) |
| OMNI LENS | OFF / 1 ~ 10 (OMNI-Plus Camera 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 | DWC-D4367WD | |
| General Spec | NTSC | PAL |
| CCD Type | 1/3" 410K Pixels Color | 1/3" 470K Pixels Color |
| Total number of pixels | 811(H) X 508 (V) | 795(H) X 596(V) |
| Minimum Illumination | 0.14Lux (F1.2, 30IRE-COLOR) | |
| | 0Lux (LED ON) | |
| Resolution | 580 TV Lines (COLOR) | |
| | 600 TV Lines (BW) | |
| Electric Spec | | |
| Voltage | DC 12[V] (11.0[V] ~ 20.0[V]) | |
| | AC 24[V] (20.0[V] ~ 30.0[V]) | |
| Power Consumption | DC12V:2.1W / AC24V:2.2W | |
| COMMON | | |
| General Spec | NTSC | PAL |
| Shutter speed | 1/60s - 1/100,000s | 1/50s - 1/100,000s |
| S/N Ratio | 50dB or More(AGC OFF) | |
| Gamma | 0.45 | |
| Sync System | Internal / Line Lock | |
| Mechanical Spec | | |
| Operation Temperature | -10℃ ~ +50℃ (14°F ~ 131°F) | |
| Storage Temperature | -20℃ ~ +70℃ | |
| Operation Humidity | Under 90% (Non-condensing) | |

FEATURES*

D4367WTIR

- 1/3" Sony Super HAD II CCD
- 580 TV Lines
- 3.3~12mm Varifocal Auto Iris Lens
- 100ft Range IR with Intelligent Camera Sync
- TDN (True Day and Night / TDN5)
- Star-Light (Super Low Light Technology)
- EWDR (Electronic Wide Dynamic Range)
- 3D-DNR (3D Digital Noise Reduction)
- HME (Highlight Masking Exposure)
- SLC (Side Light Compensation)
- AGC / BLC / AWB
- Negative Imaging
- Mirror Image Control
- 3X Digital Zoom
- UTP / RS485 Built-In
- Junction Box Built-In
- Programmable Privacy Zone (6) & Motion Detection
- Easy Icon Driven OSD Menu with Built-In Joystick
- Auto Sensing 12VDC or 24VAC with Line Lock
- Secondary Video-BNC Output
- IP68 Certified

MODULE OSD MENU*

| 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 SET |

EXPOSURE

| | |
|------------|--|
| BRIGHTNESS | 0 ~ 99 |
| SHUTTER | 1/60 / 1/100 / FLC / 1/250 ~ 100000 / SENS-UP x2 ~ x256 |
| 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 RESET |

COLOR

| | |
|-----------|--|
| WB MODE | AWC / ATW / MANUAL (AWC is recommended.) |
| R-Y GAIN | 0 ~ 255 |
| B-Y GAIN | 0 ~ 255 |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY RESET |

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 to BW Read Time : time interval to switch from COLOR to BW COLOR B&W : (BURST : OFF/ON) When the burst is OFF, the picture will have less noise. |
| 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 | 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) |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |

FUNCTION

| | |
|-----------|--|
| MIRROR | OFF / MIRROR / V-FLIP / ROTATE |
| SHARPNESS | 0 ~ 49 |
| GAMMA | 0.45 ~ 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

| | |
|-----------|---|
| 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

| | |
|-----------|--------------------------------|
| | 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 (RS485 ID) |
| TITLE | OFF / ON |
| DPC | OFF / AUTO DPC (Dead Pixel 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. Fixed and cannot be changed.(Hardcoded onto the DSP.) |
| OMNI LENS | OFF / 1 ~ 10 (OMNI-Plus Camera 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 | DWC-V4367WTIR | |
| General Spec | NTSC | PAL |
| CCD Type | 1/3" 410K Pixels Color | 1/3" 470K Pixels Color |
| Total number of pixels | 811(H) X 508 (V) | 795(H) X 596(V) |
| Minimum Illumination | 0.14Lux (F1.2, 30IRE-COLOR) | |
| | 0Lux (LED ON) | |
| Resolution | 580 TV Lines (COLOR) | |
| | 600 TV Lines (BW) | |
| Electric Spec | | |
| Voltage | DC 12[V] (11.0[V] ~ 20.0[V]) | |
| | AC 24[V] (20.0[V] ~ 30.0[V]) | |
| Power Consumption | LED OFF (DC12V:2.1W / AC24V:2.2W) | |
| | LED ON (DC12V:4.5W / AC24V:4.6W) | |
| COMMON | | |
| General Spec | NTSC | PAL |
| Shutter speed | 1/60s - 1/100,000s | 1/50s - 1/100,000s |
| S/N Ratio | 50dB or More(AGC OFF) | |
| Gamma | 0.45 | |
| Sync System | Internal / Line Lock | |
| Mechanical Spec | | |
| Operation Temperature | -10℃ ~ +50℃ (14°F ~ 131°F) | |
| Storage Temperature | -20℃ ~ +70℃ | |
| Operation Humidity | Under 90% (Non-condensing) | |




FEATURES*

V4382TIR

- 1/3" Sony Super HAD II CCD
- 580 TV Lines
- OMNI-Focus 2.9~8.5mm 3X Motorized Zoom,Auto Iris
- 70ft Range IR with Intelligent Camera Sync
- TDN (True Day and Night / TDN5)
- Star-Light (Super Low Light Technology)
- EWDR (Electronic Wide Dynamic Range)
- 3D-DNR (3D Digital Noise Reduction)
- HME (Highlight Masking Exposure)
- AGC / BLC / AWB
- Negative Imaging
- 3X Digital Zoom
- Mirror Image Control
- UTP / RS485 Built-In
- Junction Box Built-In
- Programmable Privacy Zone (6) & Motion Detection
- Easy Icon Driven OSD Menu with Built-In Joystick
- Auto Sensing 12VDC or 24VAC with Line Lock
- Secondary Video-BNC Output
- IP68 Certified

MODULE OSD MENU*

| 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 SET |

|  EXPOSURE | |
|---|---|
| BRIGHTNESS | 0 ~ 99 |
| SHUTTER | 1/60 / 1/100 / FLC / 1/250 ~ 100000 / SENS-UP x2 ~ x256 |
| 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 RESET |
|  COLOR | |
| WB MODE | AWC / ATW / MANUAL (AWC is recommended.) |
| R-Y GAIN | 0 ~ 255 |
| B-Y GAIN | 0 ~ 255 |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY RESET |
|  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 to BW Read Time : time interval to switch from COLOR to BW |
| | COLOR |
| | B&W : (BURST : OFF/ON) When the burst is OFF, the picture will have less noise. |
| 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 | 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) |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |

FUNCTION

| | |
|-----------|--|
| MIRROR | OFF / MIRROR / V-FLIP / ROTATE |
| SHARPNESS | 0 ~ 49 |
| GAMMA | 0.45 ~ 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

| | |
|-----------|---|
| 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

| | |
|-----------|--------------------------------|
| | 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 (RS485 ID) |
| TITLE | OFF / ON |
| DPC | OFF / AUTO DPC (Dead Pixel 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. Fixed and cannot be changed.(Hardcoded onto the DSP) |
| OMNI LENS | OFF / 1 ~ 10 (OMNI-Plus Camera Only) |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |

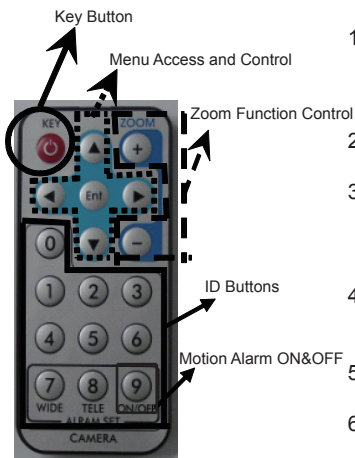
EXIT

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

SPECIFICATIONS*

| | | |
|-------------------------------|-----------------------------------|------------------------|
| MODEL | DWC-V4382TIR | |
| General Spec | NTSC | PAL |
| CCD Type | 1/3" 410K Pixels Color | 1/3" 470K Pixels Color |
| Total number of pixels | 811(H) X 508 (V) | 795(H) X 596(V) |
| Minimum Illumination | 0.14Lux (F1.2, 30IRE-COLOR) | |
| | 0Lux (LED ON) | |
| Resolution | 580 TV Lines (COLOR) | |
| | 600 TV Lines (BW) | |
| Electric Spec | | |
| Voltage | DC 12[V] (11.0[V] ~ 20.0[V]) | |
| | AC 24[V] (20.0[V] ~ 30.0[V]) | |
| Power Consumption | LED OFF (DC12V:2.1W / AC24V:2.2W) | |
| | LED ON (DC12V:4.5W / AC24V:4.6W) | |
| COMMON | | |
| General Spec | NTSC | PAL |
| Shutter speed | 1/60s - 1/100,000s | 1/50s - 1/100,000s |
| S/N Ratio | 50dB or More(AGC OFF) | |
| Gamma | 0.45 | |
| Sync System | Internal / Line Lock | |
| Mechanical Spec | | |
| Operation Temperature | -10℃ ~ +50℃ (14°F ~ 131°F) | |
| Storage Temperature | -20℃ ~ +70℃ | |
| Operation Humidity | Under 90% (Non-condensing) | |

REMOTE CONTROL *



<Remote Control Picture>

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 OSD menu.(The default setting is "001")
NOTE : If the camera ID is modified, the new camera ID must be set, and the power must be turned ON and OFF. Then the camera is able to recognize the new ID.
- 2) Press the "KEY" and the camera turns into the standby image. The LED flickers for 20 seconds.
- 3) Input ID number of CAMERA to Remote Controller ID number. After you input the ID number, LED light is turned on, and the remote controller is ready to set the camera.
NOTE : The ID number must be 3-digit.
- 4) ZOOM IN (+) / ZOOM IN (-) Key
These are for controlling lens zoom, and selecting the zooming area of alarm function.
- 5) Select the desired area where you wish to observe the movement of objects. And then select the zooming range by pressing "7" wide key.
- 6) Please save alarm generating zooming range by "8" tele key.
If ALARM generating zoom range is smaller than ALARM standby range, ALARM Zoom range setting will not be saved.
- 7) If select "9" ON/OFF key, product operates automatically from tele to wide 1 time, and then the alarm function starts.
- 8) Please press "9" key to cancel the alarm function or to reselect the alarm zooming area.

FEATURES*

V4365T

V
4
3
6
5
T

- 1/3" Pixim Seawolf CMOS Sensor
- 690 Horizontal TV Lines
- 3.3~12mm Varifocal Auto Iris Lens
- TDN (True Day and Night / TDN5)
- Powerful Wide Dynamic Range
- 3D-DNR (3D Digital Noise Reduction)
- Ultra Low Light Sensitivity
- Smear Canceling Circuit
- Low Power Consumption
- UTP / RS485 Built-In
- Junction Box Built-In
- Programmable Privacy Zone(6) & Motion Detection(4)
- Easy Driven OSD Menu with Built-In Joystick
- Auto Sensing 12VDC or 24VAC with Line Lock
- Secondary Video-BNC Output
- IP68 Certified

MODULE OSD MENU*

| EXPOSURE | | COLOR | | DAY&NIGHT | |
|----------|---|--------|--|-----------|--|
| | <ul style="list-style-type: none"> └ BRIGHTNESS └ AE PREFERENCE └ BLC └ WDR └ AGC └ STARLIGHT └ METER ZONE | | <ul style="list-style-type: none"> └ WB MODE └ COLOR GAIN | | <ul style="list-style-type: none"> └ D&N MODE |
| FUNCTION | | MOTION | | PRIVACY | |
| | <ul style="list-style-type: none"> └ MIRROR └ SHARPNESS └ GAMMA └ 3D DNR └ D-ZOOM | | <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"> └ PC CONTROL └ TITLE └ LANGUAGE └ MONITOR └ OMNI LENS └ FLUORESCENT └ DIGITAL VIDEO └ OUT | | <ul style="list-style-type: none"> └ EXIT └ SAVE & EXIT └ FACTORY RESET |

| EXPOSURE | |
|------------------------|---|
| BRIGHTNESS | -48 ~ 60 |
| AE PREFERENCE | OUTDOOR / INDOOR |
| BLC | OFF / BLC (PERCENTILE 10 ~ 50) |
| WDR | LOW / NORMAL / MEDIUM / HIGH / CUSTOM |
| AGC | LOW / MEDIUM / HIGH / CUSTOM |
| STARLIGHT | x2 ~ x64 / OFF |
| METER ZONE | ADJUST ZONE 1 / ADJUST ZONE 2 |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |
| COLOR | |
| WB MODE | AWC/ATW(2,000K ~ 11,000K)/PUSH LOCK/MANUAL(KELVIN: 2,000K ~ 11,000K/R/B:RED: -20 ~ 20 BLUE: -20 ~ 20) |
| COLOR GAIN | -8 ~ 8 |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |
| DAY & NIGHT | |
| D&N MODE | AUTO / AUTO(EXT) / COLOR / B&W |
| | - AUTO Mode:(READ TIME:0~255/S-LEVEL:0~60/E-LEVEL:0~60/BW AGC:0~60) |
| | - AUTO(EXT) Mode:(Option-IR LED Mode) |
| | - COLOR Mode |
| | - B&W Mode |
| | BW BURST (OFF / ON) |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |

| FUNCTION | |
|-----------------|--|
| MIRROR | OFF / MIRROR / V-FLIP / ROTATE |
| SHARPNESS | -8 ~ 8 |
| GAMMA | 25(0.25) ~ 100(1.0) |
| 3D DNR | MOVIE / INFO |
| D-ZOOM | ZOOM : 1(x1.0) ~ 12(x8) PAN(-100~100) / TILT(-100~100)(Digital Zoom/Pan using the camera mini joystick) |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |
| MOTION | |
| MOTION | OFF / ON (ACTIVITY THR (0 ~ 255)) SET MOTION ZONES ↕ |
| | - 1 ZONE / 1 ~ 2 ZONE / 1 ~ 3 ZONE / 1 ~ 4 ZONE |
| | - ADJUST ZONE 1 (MOVE/MAKES WIDE/MAKES NARROW) |
| | - ADJUST ZONE 2 (MOVE/MAKES WIDE/MAKES NARROW) |
| | - ADJUST ZONE 3 (MOVE/MAKES WIDE/MAKES NARROW) |
| | - ADJUST ZONE 4 (MOVE/MAKES WIDE/MAKES NARROW) |
| | RETURN |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |
| PRIVACY | |
| PRIVACY | OFF ON ↕ |
| | - AREA 1 OFF/ON ↕ (MOVE/MAKES WIDE, MAKES NARROW) |
| | - AREA 2 OFF/ON ↕ (MOVE/MAKES WIDE, MAKES NARROW) |
| | - AREA 3 OFF/ON ↕ (MOVE/MAKES WIDE, MAKES NARROW) |
| | - AREA 4 OFF/ON ↕ (MOVE/MAKES WIDE, MAKES NARROW) |
| | - AREA 5 OFF/ON ↕ (MOVE/MAKES WIDE, MAKES NARROW) |
| | - AREA 6 OFF/ON ↕ (MOVE/MAKES WIDE, MAKES NARROW) |
| | RETURN |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |

| SYNC | |
|----------------------|--|
| SYNC | INT1(SYNC to 59.94Hz)/INT2(SYNC to 60.01Hz)/LL(LL LIMIT/V PHASE/RETURN) |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |
| SETUP | |
| PC CONTROL | CAM ID : 1 ~ 255 ID DISPLAY : OFF / ON PROTOCOL : PELCO-D BAUDRATE : 2400 / 4800 / 9600 / 19200 RETURN |
| TITLE | OFF / ON ↕ (TITLE/ID POSITION(UP-LEFT/UP-CENTER/UP-RIGHT/DOWN-LEFT/DOWN-CENTER/DOWN-RIGHT)) |
| LANGUAGE | ENGLISH |
| MONITOR | CRT / LCD |
| OMNI LENS | OFF ON ↕ ALARM OFF ALARM ON (READ TIME(5~15)/ALARM ZOOM(4~214)/STAND BY(0~214)/RETURN) |
| FLUORESCENT | OFF / CRR(Manual Lens,Color Rolling/Flickerless Mode)/CRR2 (DC Lens, Color Rolling Mode) |
| DIGITAL VIDEO OUTPUT | DIGITAL OUT : OFF / ON FIELD ORDER : NORMAL / REVERSE FRAME RPT : OFF / 2x / FREEZE RETURN |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |
| EXIT | |
| EXIT | |
| SAVE & EXIT | |
| FACTORY RESET | |

SPECIFICATIONS*

| | | |
|-------------------------------|------------------------------|------------|
| Model | DWC-V4365T | |
| General Spec | NTSC | PAL |
| CCD Type | 1/3" 420K Pixels Color | |
| Total number of pixels | 768(H) X 548(V) | |
| Minimum Illumination | 0.22Lux (F1.2, 30IRE-COLOR) | |
| | 0Lux (LED ON) | |
| Resolution | H: 690 TV Lines Effective | |
| Electric Spec | | |
| Voltage | DC 12[V] (11.0[V] ~ 20.0[V]) | |
| | AC 24[V] (20.0[V] ~ 30.0[V]) | |
| Power Consumption | DC12V-3.1W(FAN ON:4.9W) | |
| | AC24V-3.2W(FAN ON:5.0W) | |
| COMMON | | |
| General Spec | NTSC | PAL |
| Shutter speed | 1/25 ~ 1/30,720 sec | |
| S/N Ratio | 53dB or More(AGC OFF) | |
| Gamma | 0.45 | |
| Sync System | Internal / Line Lock | |
| Mechanical Spec | | |
| Operation Temperature | -10℃ ~ +50℃ (14°F~131°F) | |
| Storage Temperature | -20℃ ~ +70℃ | |
| Operation Humidity | Under 90% (Non-condensing) | |










FEATURES*

V4363DH

V
4
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D
H

- 1/3" Sony Super HAD II CCD
- 560 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)
- AGC / BLC / AWB
- 32X Digital Zoom / Negative Imaging
- UTP / RS485 Built-In
- Junction Box Built-In
- Programmable Privacy Zone(8) & Motion Detection(4)
- Easy Icon Driven OSD Menu with Built-In Joystick
- Auto Sensing 12VDC or 24VAC with Line Lock
- Secondary Video-BNC Output
- Built-In Heater, Withstand Temperatures as Low as -40°F
- IP68 Certified

MODULE OSD MENU*

| 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 |  | — MOTION |  | — PRIVACY |
| SYNC | | SETUP | | EXIT | |
|  | — SYNC |  | <ul style="list-style-type: none"> — TITLE EDIT — PC CONTROL (RS485 Control) — LANGUAGE — MONITOR — OSD COLOR — OMNI LENS — DEFECT |  | <ul style="list-style-type: none"> — EXIT — SAVE & EXIT — FACTORY RESET |

EXPOSURE

| | |
|------------|---|
| BRIGHTNESS | 0 ~ 100 |
| SHUTTER | 1/60 / FLK / 1/250 ~ 10000 / SENS-UP x2 ~ x256 |
| 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 → B&W : Switching from COLOR to BW; If the number is higher, the camera will only switch during a super low light condition B&W → COLOR : Switching from BW to COLOR; This number should be always lower than COLOR to 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 |
| 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 Camera 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 fixed 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 Camera 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 RESET |

SPECIFICATIONS*










| | | |
|-------------------------------|------------------------------|------------------------|
| MODEL | DWC-V4363DH | |
| General Spec | NTSC | PAL |
| CCD Type | 1/3" 410K Pixels Color | 1/3" 470K Pixels Color |
| Total number of pixels | 811(H) X 508(V) | 795(H) X 596(V) |
| Minimum Illumination | 0.14Lux (F1.2, 30IRE-COLOR) | |
| | 0Lux (LED ON) | |
| Resolution | 560 TV Lines (COLOR) | |
| | 580 TV Lines (BW) | |
| Electric Spec | | |
| Voltage | DC 12[V] (11.0[V] ~ 20.0[V]) | |
| | AC 24[V] (20.0[V] ~ 30.0[V]) | |
| Power Consumption | DC12V: 2.3W(HEATER ON:6.0W) | |
| | AC24V: 2.5W(HEATER ON:6.0W) | |
| COMMON | | |
| General Spec | NTSC | PAL |
| Shutter speed | 1/60s - 1/100,000s | 1/50s - 1/100,000s |
| S/N Ratio | 52dB or More(AGC OFF) | |
| Gamma | 0.45 | |
| Sync System | Internal / Line Lock | |
| Mechanical Spec | | |
| Operation Temperature | -10℃ ~ +50℃ (14°F ~ 131°F) | |
| Storage Temperature | -20℃ ~ +70℃ | |
| Operation Humidity | Under 90% (Non-condensing) | |

FEATURES*

V4382TIRH

- 1/3" Sony Super HAD II CCD
- 580 TV Lines
- OMNI-Focus 2.9~8.5mm 3X Motorized Zoom,Auto Iris
- 70ft Range IR with Intelligent Camera Sync
- TDN (True Day and Night / TDN5)
- Star-Light (Super Low Light Technology)
- EWDR (Electronic Wide Dynamic Range)
- 3D-DNR (3D Digital Noise Reduction)
- HME (Highlight Masking Exposure)
- SLC (Side Light Compensation)
- AGC / BLC / AWB
- Negative Imaging
- 3X Digital Zoom
- Mirror Image Control
- UTP / RS485 Built-In
- Junction Box Built-In
- Programmable Privacy Zone(6) & Motion Detection
- Easy Icon Driven OSD Menu with Built-In Joystick
- Auto Sensing 12VDC or 24VAC with Line Lock
- Secondary Video-BNC Output
- IP68 Certified

MODULE OSD MENU*

| 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 |  | — MOTION |  | <ul style="list-style-type: none"> — MASK 1 — MASK 2 — MASK 3 — MASK 4 — MASK 5 — MASK 6 |
| SYNC | | SETUP | | EXIT | |
|  | — 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 SET |

| EXPOSURE | |
|------------------|---|
| BRIGHTNESS | 0 ~ 99 |
| SHUTTER | 1/60 / 1/100 / FLC / 1/250 ~ 100000 / SENS-UP x2 ~ x256 |
| 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 RESET |
| COLOR | |
| WB MODE | AWC / ATW / MANUAL (AWC is recommended.) |
| R-Y GAIN | 0 ~ 255 |
| B-Y GAIN | 0 ~ 255 |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY RESET |
| 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 to BW Read Time : time interval to switch from COLOR to BW COLOR B&W : (BURST : OFF/ON) When the burst is OFF, the picture will have less noise. |
| 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 | 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) |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |

FUNCTION

| | |
|-----------|--|
| MIRROR | OFF / MIRROR / V-FLIP / ROTATE |
| SHARPNESS | 0 ~ 49 |
| GAMMA | 0.45 ~ 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

| | |
|-----------|---|
| 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) |
| EXIT JUMP | DELAY OUT(1 ~ 15) Motion Alarm Zoom-In Delay |
| | EXIT / SAVE&EXIT / FACTORY SET |

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 (RS485 ID) |
| TITLE | OFF / ON |
| DPC | OFF / AUTO DPC (Dead Pixel 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. Fixed and cannot be changed.(Hardcoded onto the DSP.) |
| OMNI LENS | OFF / 1 ~ 10 (OMNI-Plus Camera Only) |
| EXIT JUMP | EXIT / SAVE&EXIT / FACTORY SET |

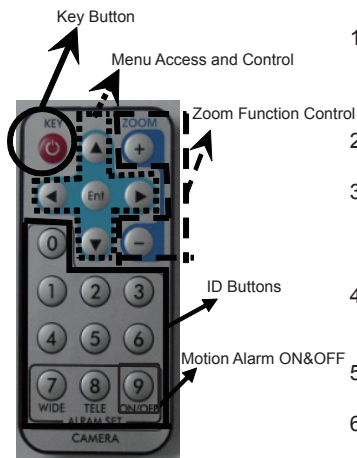
EXIT

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

SPECIFICATIONS*

| | | |
|-------------------------------|---|------------------------|
| MODEL | DWC-V4382TIRH | |
| General Spec | NTSC | PAL |
| CCD Type | 1/3" 410K Pixels Color | 1/3" 470K Pixels Color |
| Total number of pixels | 811(H) X 508(V) | 795(H) X 596(V) |
| Minimum Illumination | 0.14Lux (F1.2, 30IRE-COLOR) | |
| | 0Lux (LED ON) | |
| Resolution | 580 TV Lines (COLOR) | |
| | 600 TV Lines (BW) | |
| Electric Spec | | |
| Voltage | DC 12[V] (11.0[V] ~ 20.0[V]) | |
| | AC 24[V] (20.0[V] ~ 30.0[V]) | |
| Power Consumption | OFF (DC12V: 2.1W / AC24V: 2.2W) | |
| | LED ON (DC12V: 4.5W / AC24V: 4.6W) | |
| | HEATER ON (DC12V: 5.4W / AC24V: 5.5W) | |
| | LED/HEATER ON (DC12V: 7.7W / AC24V: 7.8W) | |
| COMMON | | |
| General Spec | NTSC | PAL |
| Shutter speed | 1/60s - 1/100,000s | 1/50s - 1/100,000s |
| S/N Ratio | 50dB or More(AGC OFF) | |
| Gamma | 0.45 | |
| Sync System | Internal / Line Lock | |
| Mechanical Spec | | |
| Operation Temperature | -10℃ ~ +50℃ (14°F ~ 131°F) | |
| Storage Temperature | -20℃ ~ +70℃ | |
| Operation Humidity | Under 90% (Non-condensing) | |

REMOTE CONTROL *



<Remote Control Picture>

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 OSD menu.(The default setting is "001")
NOTE : If the camera ID is modified, the new camera ID must be set, and the power must be turned ON and OFF. Then the camera is able to recognize the new ID.
- 2) Press the "KEY" and the camera turns into the standby image. The LED flickers for 20 seconds.
- 3) Input ID number of CAMERA to Remote Controller ID number. After you input the ID number, LED light is turned on, and the remote controller is ready to set the camera.
NOTE : The ID number must be 3-digit.
- 4) ZOOM IN (+) / ZOOM IN (-) Key
 These are for controlling lens zoom, and selecting the zooming area of alarm function.
- 5) Select the desired area where you wish to observe the movement of objects. And then select the zooming range by pressing "7" wide key.
- 6) Please save alarm generating zooming range by "8" tele key.
 If ALARM generating zoom range is smaller than ALARM standby range, ALARM Zoom range setting will not be saved.
- 7) If select "9" ON/OFF key, product operates automatically from tele to wide 1 time, and then the alarm function starts.
- 8) Please press "9" key to cancel the alarm function or to reselect the alarm zooming area.

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 two (2) 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 two (2) 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 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 Eastern Time