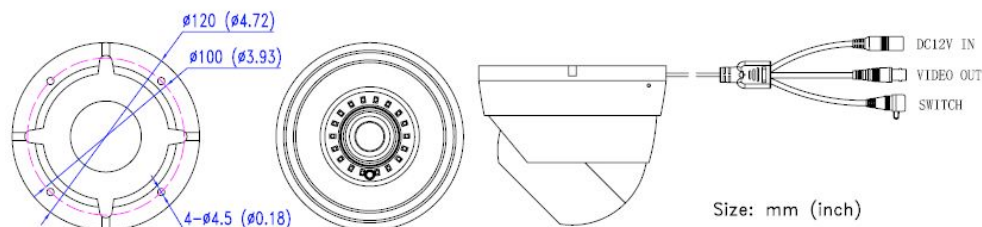


## Multi-Format HD Analog IR Camera

● **ITEM No: VLDT3WM/ VLDT3GM**



● **Caution for Installation**

1. In order to prevent electronic shock, don't loosen any screws or covers.
2. Do not directly touch the front glass. If necessary, use a soft cloth moistened with alcohol to wipe off the dust.
3. Avoid places where there are frequent vibrations or shocks.
4. Don't operate the camera beyond its temperature, power source ratings.
5. When any abnormalities happen, make sure to unplug the camera and contact your local dealer.

● **Packing**

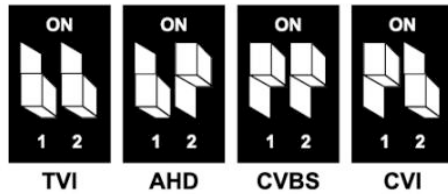
- |                            |    |
|----------------------------|----|
| 1. Camera                  | X1 |
| 2. Junction box            | X1 |
| 3. User Manual             | X1 |
| 4. 4*34mm Screw            | X4 |
| 5. 4*20mm Screw            | X4 |
| 6. Plastic-Conical-Anchor  | X4 |
| 7. Junction box cotton pad | X1 |
| 8. Hexagonal Wrench        | X1 |
| 9. Mounting drawing paper  | X1 |

● **Specification**

ITEM	VLDT3WM/VLDT3GM
<b>IP Rating</b>	IP66
<b>Type</b>	Removable IR Cut Filter
<b>Signal System</b>	NTSC/PAL
<b>Pick Up Device</b>	1/2.9" 2.2 Mega Pixels CMOS
<b>Picture Elements</b>	1920(H)X1080(V)
<b>Min Illumination</b>	0Lux ( 18 Pieces IR LED ON )
<b>S/N Ratio</b>	≥52dB
<b>Lens</b>	2.8-12mm Motorized Vari-focal Fixed Iris Lens
<b>3D/2D</b>	ON
<b>SENS-UP</b>	ON
<b>IR SMART</b>	ON
<b>White Balance</b>	ATW
<b>Back Light Compensation</b>	OFF
<b>DWDR</b>	ON/OFF
<b>OSD</b>	With UTC Signal(DVR Control OSD)
<b>Video Out-put</b>	HD-TVI/HD-AHD/HD-CVI/CVBS
<b>Power Supply</b>	DC12V ±10%
<b>Current Consumption</b>	500mA(MAX)
<b>IR Effect Distance</b>	49.2~65.6ft(indoor)
<b>Dimension</b>	Φ4.72"×3.93" inch
<b>Weight</b>	790g ( 27.86oz )
<b>Storage Temperature</b>	-22~+140□
<b>Operating Temperature</b>	-22~+104□
<b>Junction box</b>	
<b>Dimension</b>	Φ4.72"×1.59" inch
<b>Weight</b>	255g (9.0oz)

**Remark: Non-regulative adaptor may cause camera damaged.**

● video signal output switches



## OSD Menu

### MAIN MENU

MAIN MENU	
1. LENS	MANUAL
2. EXPOSURE	↓
3. BACKLIGHT	OFF
4. WHITE BAL	ATW
5. DAY&NIGHT	EXT ↓
6. NR	↓
7. SPECIAL	↓
8. ADJUST	↓
9. EXIT	SAVE&END ↓

1. LENS	MANUAL/DC#
2. EXPOSURE	#
3. BACKLIGHT	OFF/BLC#/HSBLC#
4. WHITE BAL	ATW/AWB/AWC-SET/INDOOR/OUTDOOR/ MANUAL#
5. DAY&NIGHT	AUTO#/COLOR/B/W#/EXT#
6. NR	#
7. SPECIAL	#
8. ADJUST	#
9. EXIT	SAVE&END#/RESET#/NOT SAVE#

### LENS

DC LENS MODE	
1. MODE	INDOOR
2. IRIS SPEED	8
3. RETURN	RET ↓

1. MODE	INDOOR/OUTDOOR#
2. IRIS SPEED	0-15
3. RETURN	RET#

### EXPOSURE

EXPOSURE	
1. SHUTTER	AUTO
2. AGC	7
3. SENS-UP	AUTO ↓
4. BRIGHTNESS	56
5. D-WDR	OFF
6. DEFOG	OFF
7. RETURN	RET ↓

1. SHUTTER	AUTO/ 1/30 / 1/60 / FLK / 1/240 / 1/480 / 1/1000 / 1/2000 / 1/5000 / 1/10000 / 1/50000 / X2 / X4 / X6 / X8 / X10 / X15 / X20 / X25 / X30
2. AGC	0-15
3. SENS-UP	AUTO#
4. BRIGHTNESS	1-100
5. D-WDR	OFF/AUTO/ON#
6. DEFOG	OFF/AUTO#
7. RETURN	RET#

### DEFOG

1. POS/SIZE	↓
2. GRADATION	0
3. DEFAULT	↓
4. RETURN	RET ↓

1. POS/SIZE	POSITION/SIZE/RET AGAIN
2. GRADATION	0-2
3. DEFAULT	#
4. RETURN	RET#

### BACKLIGHT

BLC	
1. LEVEL	MIDDLE
2. AREA	↓
3. DEFAULT	↓
4. RETURN	RET ↓

1. LEVEL	MIDDLE/LOW/HIGH
2. AREA	POSITION/SIZE/RET AGAIN
3. DEFAULT	#
4. RETURN	RET#

### DAY&NIGHT

B/W	
1. BURST	OFF
2. IR SMART	OFF
3. RETURN	RET ↓

1. BURST	OFF/ON
2. IR SMART	OFF/ON#
3. RETURN	RET#

D&N AUTO	
1. D--N (AGC)	18
2. D--N (DELAY)	58
3. N--D (AGC)	6
4. N--D (DELAY)	46
5. RETURN	RET ↓

1. D--N(AGC)	1-255
2. D--N(DELAY)	0-60
3. N--D(AGC)	1-255
4. N--D(DELAY)	0-60
5. RETURN	RET#

### NR

NR	
1. 2DNR	MIDDLE
2. 3DNR	MIDDLE
3. RETURN	RET ↓

1. 2DNR	HIGH/MIDDLE/LOW/OFF
2. 3DNR	HIGH/MIDDLE/LOW/OFF
3. RETURN	RET#

### SPECIAL

SPECIAL	
1. CAM TITLE	ON ↓
2. D-EFFECT	↓
3. MOTION	OFF
4. PRIVACY	OFF
5. LANGUAGE	ENG ↓
6. DEFECT	↓
7. RS485	↓
8. RETURN	RET ↓

1. CAM TITLE	OFF/ON#
2. D-EFFECT	FREEZE/MIRROR/NEG.IMAGE/RETURN
3. MOTION	OFF/ON#
4. PRIVACY	OFF/ON#
5. LANGUAGE	ENG#/CHN1#/CHN2#/GER#/FRA#/ITA#/ SPA#/POL#/RUS#/POR#/NED#/TUR#
6. DEFECT	#
7. RS485	#
8. RETURN	RET#

### D-EFFECT

1. FREEZE	ON
2. MIRROR	OFF
3. NEG. IMAGE	OFF
4. RETURN	RET ↓

1. FREEZE	OFF/ON
2. MIRROR	OFF/MIRROR/V-FLIP/ROTATE
3. NEG. IMAGE	OFF/ON
4. RETURN	RET#

### DEFECT

1. LIVE DPC	ON ↓
2. WHITE DPC	ON ↓
3. BLACK DPC	ON ↓
4. RETURN	RET ↓

1. LIVE DPC	OFF/ON
2. WHITE DPC	OFF/MIRROR/V-FLIP/ROTATE
3. BLACK DPC	OFF/ON
4. RETURN	RET#

### ADJUST

ADJUST	
1. SHARPNESS	AUTO ↓
2. MONITOR	LCD ↓
3. LSC	ON
4. VIDEO OUT	PAL
5. RETURN	RET ↓

1. SHARPNESS	OFF/AUTO#
2. MONITOR	LCD#/CRT#
3. LSC	OFF/ON
4. VIDEO OUT	NISC/PAL
5. RETURN	RET#

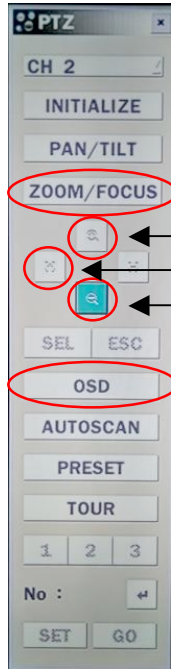
### EXIT

EXIT	
1. EXIT	RESET ↓

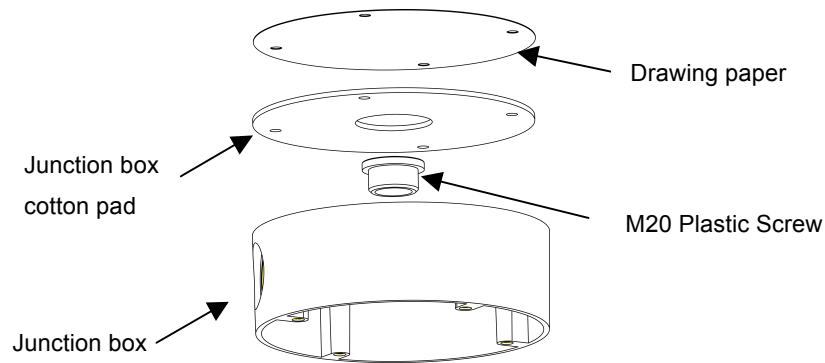
1. EXIT	SAVE&END#/RESET#/NOT SAVE#
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## ● Multi Format HD Analog UTC Control

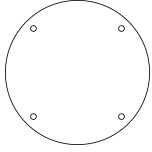
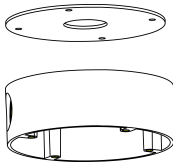
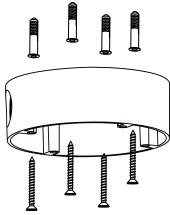
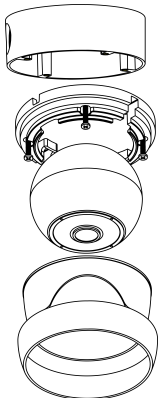
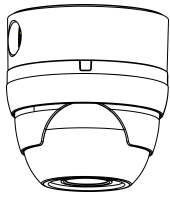


- (1)- Zoom/focus lens menu
  - (2)- Zoom in
  - (3)- Enter into camera OSD main menu
  - (4)- Zoom out
  - (5)- Main menu operation page
1. Zoom/Focus  
As picture shown, Click(1) enter into lens menu; Click (2) zoom in; Click (4) zoom out; Click (3)enter into camera OSD main menu.
  2. OSD  
As picture show, Click (5) enter into main menu operation page.

## ● Overview



## ● Installation

- (1)  1. Paste the drawing paper on the wall and drill holes.
- (2)  2. Paste the sponge pad on the back of junction box. Fix with M20 plastic stopper on back hole or side hole according to different installing needs.
- (3)  3. Fix with 4pcs plastic rubbers into the wall, use M4 threaded screws to fix the junction box on the wall.
- (4)  4. Disassemble the camera as picture shown, use M4\*20mm screws to fix camera base on the junction box.
- (5)  5. Connect all cables and put them inside the junction box, then fix the dome with the metal ring, adjust camera viewing angle, when finished, rotate the metal ring and fix the metal ring with the screw.

4. Disassemble the camera as picture shown, use M4\*20mm screws to fix camera base on the junction box.