VITEK®

INDUSTRIAL VIDEO PRODUCTS, INC.

Alpha Mega Series Indoor Dome Cameras

VITEK

Alpha MEGA

- 1000 TV Lines of Resolution (1.39 MegaPixel)
- 1/2.9" CMOS Sensor
- Highly Advanced EN773E Digital Signal Processor
- 3.6mm Fixed & 2.8-12mm Varifocal Lens Options
- Available with 35 IR LEDs (120' Range)
- Advanced OSD Functions: WDR, 3D DNR, DSS, DIS, Sens-up, Motion Detection, Privacy
- Secondary Video Output (Cable Included)
- 3-Axis Mount for Optimum Viewing Angle
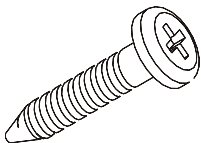- 12VDC/24VAC Dual Voltage Operation

TABLE OF CONTENTS

1) Alpha Mega Dome Camera
2) Mounting Accessories
3) Secondary Video Output Cable
4) This instruction Manual & Mounting Template

MOUNTING ACCESSORIES

Self Tapping Screws
For attaching the housing base to a solid surface.
Type #: Phillips ST4x30
Qty: 4 (2 screws - VTD-A4F/IM)

Secondary Video Output Cable
To be used with a service monitor for adjusting
the angle, focus and zoom.
Qty: 1

AVAILABLE MODELS

VTD-A4F/IWM
Alpha Mega Series 1000 TVL (1.39MP) Indoor Fixed 3.6mm
Dome - Ivory

VTD-A4F/IBM
Alpha Mega Series 1000 TVL (1.39MP) Indoor Fixed 3.6mm
Dome - Black

VTD-A2812/IWM
Alpha Mega Series 1000 TVL (1.39MP) Indoor 2.8-12mm Varifocal
Dome - Ivory

VTD-A2812/IBM
Alpha Mega Series 1000 TVL (1.39MP) Indoor 2.8-12mm Varifocal
Dome - Black

VTD-AR2812/IWM
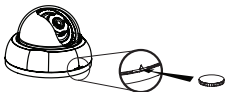Alpha Mega Series 1000 TVL (1.39MP) Indoor 2.8-12mm Varifocal
Dome & 35 IR LEDs - Ivory

VTD-AR2812/IBM
Alpha Mega Series 1000 TVL (1.39MP) Indoor 2.8-12mm Varifocal
Dome & 35 IR LEDs - Black

VTD-A4F/IM INSTALLATION

1. Opening
   Use a coin to open the cover.

2. Place the camera in the desired location and install using the screws supplied.

GUIDE PATTERN

3. Connecting Cables

Monitor

Only DC12V

Intermediate (DVR)

Monitor

VIDEO
75Ω ⊓ Hi-Z
IN   OUT

VIDEO
75Ω ⊓ Hi-Z
IN   OUT

4. Pan / Tilt (3Axis) Controls

5. Closing the cover
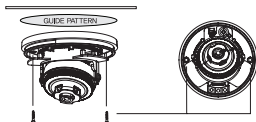
* See Installation Tips on page 7

VTD-A2812/IM INSTALLATION

INSTALLATION

1. Opening
   Use a coin to open the cover.

2. Place the camera in the desired location and install using the screws supplied.

GUIDE PATTERN

3. Connecting Cables

AC24V / DC12V
DualPower

Monitor

Intermediate (DVR)

VIDEO
75Ω — HI-Z
IN   OUT

Monitor

VIDEO
75Ω — HI-Z
IN   OUT

4. Pan / Tilt (3Axis) Controls
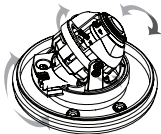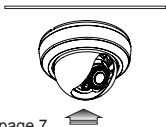
5. Closing the cover

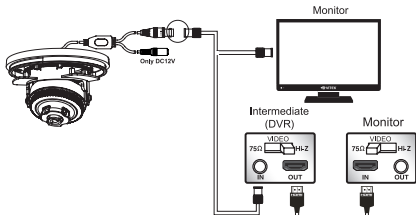* See Installation Tips on page 7

VTD-AR2812/IM INSTALLATION

Use a coin to open the cover.
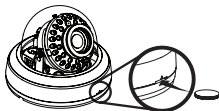
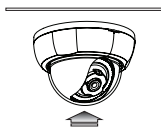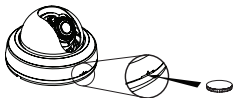2. Place the camera in the desired location and install using the screws supplied.

GUIDE PATTERN

3. Connecting Cables

VIDEO

AC24V / DC12V
DualPower

Monitor

Intermediate
(DVR)

75Ω   16-Z

VIDEO

OUT

IN

Monitor

75Ω   16-Z

VIDEO

IN   OUT

4. Pan / Tilt (3Axis) Controls

5. Closing the cover

<Tilt : 0° ~ 90°>

<IR Cover Open>

Zoom

Focus

<Pan : 0° ~ 360°>   <IR Cover : 0° ~ 360°>
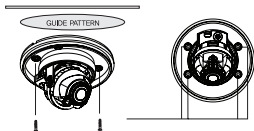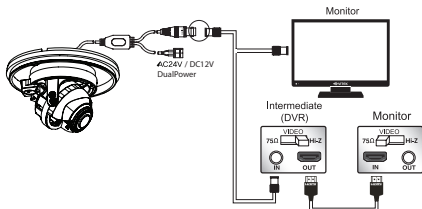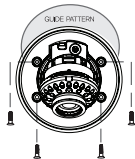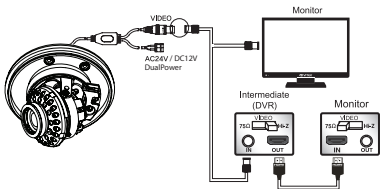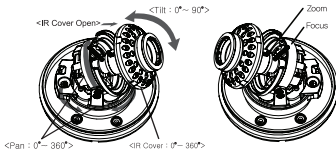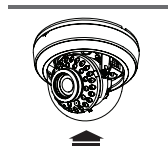
* See Installation Tips on page 7

INSTALLATION TIPS

1.) Power Consumption - Amperage/Voltage
It is of utmost importance that the proper Voltage and Amperage is used when applying power to your VITEK Alpha Series Dome Camera. They can be powered by either 12V DC or 24V AC (except for the model VTD-A4F/IM - 12V DC only). Always use a UL Listed power transformer.
The Voltage must be measured at the camera location. It is very important that the camera receives no less than the required Voltage or it will be "Starved" and eventually die out. Cameras with Infrared LEDs require substantially more Amperage than others so please refer to the Specifications (page 21-23) for the camera you are installing.

MENU

SETUP MENU

EXPOSURE
SENS-UP BRIGHTNESS LENS SHUTTER AGC RETURN

WHITE BAL
AUTO AUTOext PRESET MANUAL

IMAGE
SHARPNESS DEFOG D-ZOOM MIRROR FLIP
PRIVACY SHADING COLOR GAIN ACE RETURN

BACKLIGHT
OFF HLC BLC WDR

DAY&NIGHT
MODE RETURN
(AUTO, B/W, COLOR, EXTERN)

DNR
OFF LOW MIDDLE HIGH

MOTION
MOTION ALARM QUICK ZOOM RETURN

SYSTEM
SERIAL GAMMA PEDESTAL VIEW ANGLE
CVBS LANGUAGE FOCUS ADJ FACTORY SET RETURN

Above specifications may be changed without any notice.

OSD OPERATION

Settings can be made using the Joystick located on the rear of the camera.

To Setup, please Push

Up

Left ◄ ■ ► Right

Down

Extra Video Output

<Stick type>
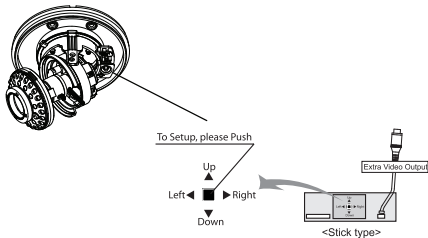
1. Please press joystick down

   • Settings can now be made. The Main Menu is displayed on monitor.

2. Please select any function you wish to activate by pushing the joystick Up or Down

   • The cursor position will appear yellow on your screen.
     Push the joystick up or down to highlight the function you wish to change.

MENU

Select any function you wish to operate by pushing the joystick Up or Down.

```
                    MANU
        ☀ EXPOSURE      ↵
        ◐ WHITE BAL     AUTO
        ▣ IMAGE         ↵
        ◑ BACKLIGHT     OFF
        ☀ DAY&NIGHT     ↵
        ▨ DNR           MIDDLE
        ▧ MOTION        ↵
        ☀ SYSTEM        ↵
        ▣ EXIT
```

Modes can be changed pushing the joystick Right or Left.
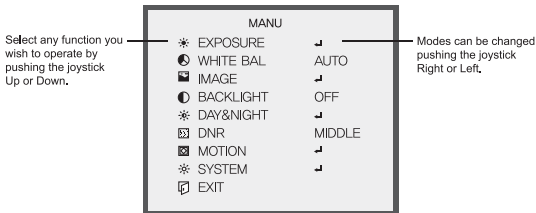
3. Please press the joystick Right or Left if you wish to change mode.
   • When the joystick is pressed Right or Left, available values and mode are displayed in order. Please keep pressing the joystick until you get the mode you wish.

4. Please select "EXIT" and then press the joystick to finish the setting.

MAIN MENU

EXPOSURE, WHITE BAL, IMAGE, BACKLIGHT, DAY&NIGHT, DNR, MOTION, SYSTEM, EXIT control can be selected.

OSD OPERATION

☀ EXPOSURE

• When the Main Menu screen is displayed move highlighted area to EXPOSURE
  using the up/down of the joystick and then press down on the joystick to enter EXPOSURE Mode.

• Highlight section to change by using joystick Up/Down. After section is highlighted us joystick
  Left/Right to adjust settings.

```
             MANU
  ☀ EXPOSURE          ↵
  ◐ WHITE BAL        AUTO
  ▣ IMAGE             ↵
  ◑ BACKLIGHT        OFF
  ☀ DAY&NIGHT         ↵
  ▨ DNR             MIDDLE
  ▨ MOTION            ↵
  ☀ SYSTEM            ↵
  ▨ EXIT
```

```
          ☀ EXPOSURE
  SENS-UP        X2
  BRIGHTNESS   |■■■■| 10
  LENS           DC
  SHUTTER       AUTO
  AGC          |■■■■| 20
  RETURN
```
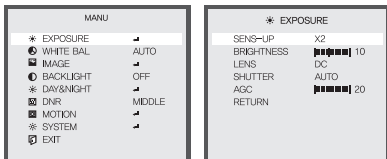
─ SENS_UP ： OFF / X2 / X4 / X8 / X16 / X32 / X60
   • Brighter video can be obtained by increasing the exposure
     time at night with SENS-UP. SENS-UP is the maximum
     integration of frames by DSS(Digital Slow Shutter) in low light.

   • When "SENS_UP" is on, shutter cannot be adjusted.

─ BRIGHTNESS: Adjusts the brightness of video(0~20).
─ LENS: When using the built-in lens, select either Manual (default) or DC.
            • DC MODE ： OUTDOOR / INDOOR / DEBLUR
            • MANUAL MODE ： DEBLUR / NORMAL /

─ SHUTTER ： AUTO / MANUAL / FLICKER
            • When selecting Manual choose which Shutter speed to use.
             (1/60, 1/120, 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000, 1/60000)

─ AGC (Auto Gain Control)
   • The higher the gain level, the brighter the screen - but the higher the noise.

─ RETURN

WHITE BAL

- Use the White Balance function to adjust the screen color.
- When in the MAIN MENU highlight WHITE BAL by using the joystick up/down.
- Select mode by moving joystick left or right.

```
                    MANU

        ☀ EXPOSURE          ↵
        ◑ WHITE BAL         AUTO
        ▣ IMAGE             ↵
        ◐ BACKLIGHT         OFF
        ☀ DAY&NIGHT         ↵
        ▧ DNR               MIDDLE
        ▨ MOTION            ↵
        ☀ SYSTEM            ↵
        ▨ EXIT
```
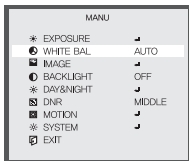
- AUTO
  : Default - This function continuously adjusts the white balance automatically to adapt to changes in lighting conditions.
- AUTOext
  : This mode is for use in Halogen or extremely bright white light.
- PRESET
  : This function adjusts the white balance regardless of the subject conditions.
- MANUAL
   KELVIN : LOW / MIDDLE / HIGH
   R-GAIN : Joystick left to decrease, joystick right to increase.
   B-GAIN : Joystick left to decrease, joystick right to increase.
   RETURN

NOTE
- Under the following conditions the WHITE BALANCE function may not operate properly. In such cases, please select the AWB mode.
❶ When the object's surroundings have a very high color temperature
❷ When the object's surroundings are dark

OSD OPERATION

◩ IMAGE

```
          MANU
  ☀ EXPOSURE          ↵
  ◐ WHITE BAL        AUTO
  ◩ IMAGE             ↵
  ☀ BACKLIGHT        OFF
  ☀ DAY&NIGHT         ↵
  ▨ DNR              MIDDLE
  ▨ MOTION            ↵
  ☀ SYSTEM            ↵
  ▨ EXIT
```

```
        ◩ IMAGE
  SHARPNESS      |▬▬▬| 5
  DEFOG          OFF
  D−ZOOM         1.0X
  MIRROR         OFF
  FLIP           OFF
  PRIVACY        OFF
  SHADING        OFF
  COLOR GAIN     |▬▬▬| 10
  ACE            OFF
  RETURN
```
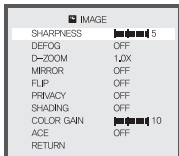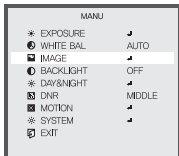
- SHARPNESS ： Adjust from 0~10 by using joystick left or right.
- DEFOG ： MODE (you can select AUTO / MANUAL) . LEVEL (you can select LOW / MIDDLE / HIGH)
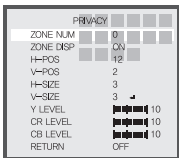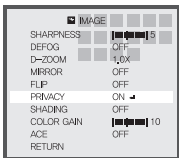- DZOOM ： You can use a digital zoom of 1.0 X ~ 8.0 X
- MIRROR / FLIP ： Used to inverse the picture.

OFF   MIRROR (ON)   FLIP (ON)

- PRIVACY ： This mode conceals the areas you do not wish to appear on the screen.

```
        ◩ IMAGE
  SHARPNESS      |▬▬▬| 5
  DEFOG          OFF
  D−ZOOM         1.0X
  MIRROR         OFF
  FLIP           OFF
  PRIVACY        ON  ↵
  SHADING        OFF
  COLOR GAIN     |▬▬▬| 10
  ACE            OFF
  RETURN
```

```
        PRIVACY
  ZONE NUM       0
  ZONE DISP      ON
  H−POS          12
  V−POS          2
  H−SIZE         3
  V−SIZE         3   ↵
  Y LEVEL        |▬▬▬| 10
  CR LEVEL       |▬▬▬| 10
  CB LEVEL       |▬▬▬| 10
  RETURN         OFF
```
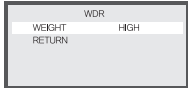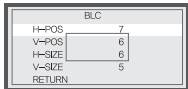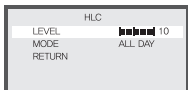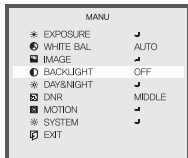
- SHADING ： When using wide angle lens, you can compensate darkness of corners on the screen.
- COLOR GAIN ： Adjust from 0~20 by using joystick left or right.
- ACE (Adaptive Color & Contrast Enhancement) ：
  OFF, LOW, MIDDLE, HIGH, ACE performs an image enhancement process to enhance the image
  by changing the brightness value.

◑ BACKLIGHT

When there is a strong backlight behind the object, clear images of the background as well as the object can still be obtained by using the BACKLIGHT function.

```
              MANU
☀ EXPOSURE           ↵
◑ WHITE BAL          AUTO
▣ IMAGE              ↵
◑ BACKLIGHT          OFF
☀ DAY&NIGHT          ↵
▨ DNR                MIDDLE
▨ MOTION             ↵
☀ SYSTEM             ↵
▣ EXIT
```

```
              HLC
LEVEL          ▮▮▮▮▮ 10
MODE           ALL DAY
RETURN
```

```
              BLC
H-POS          7
V-POS          6
H-SIZE         6
V-SIZE         5
RETURN
```

```
              WDR
WEIGHT         HIGH
RETURN
```

- OFF : Turn off 'BACKLIGHT' function
- HLC : LEVEL – Adjust from 0~20 by using joystick left or ri
         MODEL - you can choice NIGHT ONLY or ALL DAY,
- BLC
  - H-POS : Adjust from 0~20 with 0 being the left most
  - V-POS : Adjust from 0~20 with 0 being the top area.
  - H-SIZE : Adjust from 0~20 with 0 being the smallest
  - H-SIZE : Adjust from 0~20 with 0 being the smallest

- WDR (Wide Dynamic Range)

This function extends the gain range of the screen that is use the camera takes a simultaneous picture of both indoor and outdoor. It improves contrast of the picture in outdoor scene well as indoor. Video image is processed from two images by shutter (long and short shutter) in a field to provide the best dynamic range. Highlight area is compensated by the short s and dark area is compensated by the long shutter. Final video have less contrast compared to the conventional camera whi does not have WDR function.
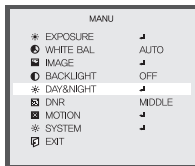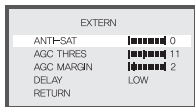
WDR (ON)   WDR (OFF)

OSD OPERATION

☀ DAY&NIGHT

```
              MANU
  ☀ EXPOSURE         ◢
  ◕ WHITE BAL        AUTO
  ▣ IMAGE            ◢
  ◑ BACKLIGHT        OFF
  ☀ DAY&NIGHT        ◢
  ▨ DNR              MIDDLE
  ▣ MOTION           ◢
  ☀ SYSTEM           ◢
  ▣ EXIT
```

• EXTERN ： DAY or NIGHT is determined by the built-in light photo sensor. Camera with IR LED must be set to EXTERN

```
      ☀ DAY&NIGHT
  MODE          EXTERN ◢
  RETURN
```

```
              EXTERN
  ANTI─SAT        |■■■■■■■| 0
  AGC THRES       |■■■■■■■| 11
  AGC MARGIN      |■■■■■■| 2
  DELAY           LOW
  RETURN
```
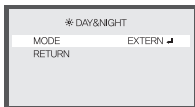
• AUTO ： Used when DAY or NIGHT is determined by light level through the lens and DAY from/to NIGHT is switched
         automatically by the scene brightness.

```
      ☀ DAY&NIGHT
  MODE          AUTO ◢
  RETURN
```

```
               AUTO
  ANTI─SAT        |■■■■■■■|
  AGC THRES       |■■■■■■|
  AGC MARGIN      |■■■■■■|
  DELAY
  RETURN
```
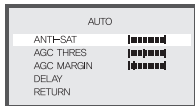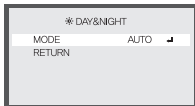
• COLOR ： This picture is always displayed in color.
• B&W ： The picture is always displayed in black and white.
        You can turn on or off the burst signal on B/W mode.

15

DNR

DNR (Digital Noise Reduction)

- DNR is a technique of removing image noise from a video signal by applying a digital comb filter. It makes images clearer and reduces video file size.

```
              MANU

  ☀ EXPOSURE        ↵
  ◑ WHITE BAL       AUTO
  ▣ IMAGE           ↵
  ◐ BACKLIGHT       OFF
  ☀ DAY&NIGHT       ↵
  ▨ DNR             MIDDLE
  ▣ MOTION          ↵
  ☀ SYSTEM          ↵
  ▣ EXIT
```
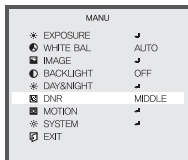
- OFF : DNR function does not operate.
- LOW / MIDDLE / HIGH : You can select 'LOW', 'MIDDLE' or 'HIGH' menu as DNR condition.

MOTION

This Product has a feature that allows you to observe movement in 3 different areas on the screen and the word MOTION will appear on screen when motion is detected.

```
              MANU

  ☀ EXPOSURE        ↵
  ◑ WHITE BAL       AUTO
  ▣ IMAGE           ↵
  ◐ BACKLIGHT       OFF
  ☀ DAY&NIGHT       ↵
  ▨ DNR             MIDDLE
  ▣ MOTION          ↵
  ☀ SYSTEM          ↵
  ▣ EXIT
```

```
          ▣ MOTION

  MOTION           OFF
  ALARM            ↵
  QUICK ZOOM       OFF
  RETURN
```
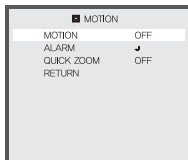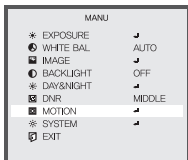
OSD OPERATION

■ MOTION	
MOTION	ON ↵
ALARM	↵
QUICK ZOOM	OFF
RETURN	

MOTION	
DET. SETTING	↵
WINDOW TONE	0
WINDOW ZONE	0
WINDOW USE	OFF
DET H-POS	1
DET V-POS	2
DET H-SIZE	16
DET V-SIZE	12
RETURN	

DET. SETTING	
SENSITIVITY	‖■■■‖ 5
OBJ. KEEP LV	0
MOTION EST.	‖■■■‖ 0
SIGNAL OUT	OFF
RETURN	

- DET. SETTING
  - SENSITIVITY: Adjust from 0~20 by using joystick left or right.
  - OBJ. KEEP LV: Adjust from 0~60 by using joystick left or right.
  - MOTION EST: Adjust from 0~20 by using joystick left or right.
  - SIGNAL OUT : You can select ON / OFF
  - RETURN
- WINDOW TONE: Adjust from 0~6 by using joystick left or right.
- WINDOW ZONE: Adjust from 0~4 by using joystick left or right.
- WINDOW USE : You can select ON / OFF
- DET H-POS: Adjust from 0~60 by using joystick left or right.
- DET V-POS: Adjust from 0~40 by using joystick left or right.
- DET H-SIZE: Adjust from 0~40 by using joystick left or right.
- DET V-SIZE: Adjust from 0~40 by using joystick left or right.
- RETURN

■ MOTION	
MOTION	OFF
ALARM	↵
QUICK ZOOM	OFF
RETURN	

ALARM	
SHAKING	ON
SHAKE SCALE	‖■■■‖ 10
BRIGHT CHG.	ON
BRIGHT SCL.	‖■■■‖ 3
RETURN	

- ALARM
  • SHAKING : You can select ON / OFF
  • **SHAKE SCALE: Adjust from 0~20 by using joystick left or right.**
  • BRIGHT CHG. : You can select ON / OFF
  • **BRIGHT SCL: Adjust from 0~20 by using joystick left or right.**
  • RETURN

⊠ MOTION	
MOTION	OFF
ALARM	↵
QUICK ZOOM	ON ↵
RETURN	

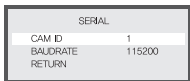| QUICK ZOOM	
MOVING	30 / 60sec
ZOOM IN	30 / 60sec
STANDBY	30 / 60sec
SYNCHRONOUS	OFF
TRACKING	OFF
REPEAT	OFF
RETURN	

- QUICK ZOOM
  • MOVING : 0/60sec ~240/60sec
  • ZOOM IN : 0/60sec ~240/60sec
  • STANDBY : 0/60sec ~240/60sec
  • SYNCHRONOUS : You can select ON / OFF
  • TRACKING : You can select ON / OFF
  • REPEAT : You can select ON / OFF
  • RETURN

OSD OPERATION

☀ SYSTEM

```
                MANU
  ☀ EXPOSURE           ⏎
  ◑ WHITE BAL          AUTO
  ▨ IMAGE              ⏎
  ◐ BACKLIGHT          OFF
  ☀ DAY&NIGHT          ⏎
  ▨ DNR                MIDDLE
  ▨ MOTION             ⏎
  ☀ SYSTEM             ⏎
  ▨ EXIT
```

```
           ☀ SYSTEM
  SERIAL              ⏎
  GAMMA               0.55
  PEDESTAL            ▮▮◖▮▮▮▮◗ 8
  VIEW ANGLE          WIDE 4:3
  CVBS                NTSC
  LANGUAGE            ENG
  FOCUS ADJ           ⏎
  FACTORY SET         ON⏎
  RETURN
```

- SERIAL: N/A

```
           SERIAL
  CAM ID              1
  BAUDRATE            115200
  RETURN
```
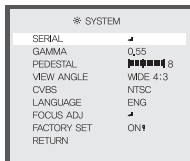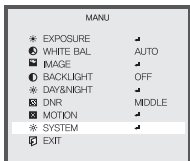
- CAM ID
  : You can select ID from 0 to 255 when using remote control.
- BAUDRATE
  : 2400, 4800, 9600, 57600, 115200

- GAMMA : You can select (0.45 / 0.5 / 0.55 / 0.6 / 0.65)
- PEDESTAL: Adjust from 0~20 by using joystick left or right.
- VIEW ANGLE : You can select (WIDE 4:3 / WIDE 16:9 / NORMAL)
- CVBS : You can select (NTSC / PAL)
- LANGUAGE : ENG / CHN / CHN(S) / JPN / KOR /
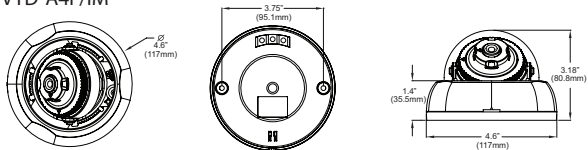- FOCUS ADJ

```
  ENTER ─ RETURN
```

After entering FOCUS ADJ a box with 3 different boxes within will appear on screen. Each box is to aid in focusing of different scene contrasts, LEFT box for low contrast MIDDLE box for medium contrast and RIGHT box for high contrast. Adjust focus so no green will be in box of selected contrast.
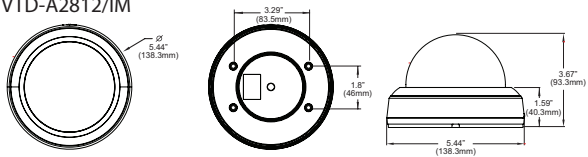
- FACTORY SET : Factory initialize
- RETURN

VTD-A4F/IM

Ø
4.6"
(117mm)

3.75"
(95.1mm)

3.18"
(80.8mm)

1.4"
(35.5mm)

1.59"
(40.3mm)

4.6"
(117mm)

VTD-A2812/IM

Ø
5.44"
(138.3mm)

3.29"
(83.5mm)

1.8"
(46mm)

3.67"
(93.3mm)

1.59"
(40.3mm)

5.44"
(138.3mm)

VTD-AR2812/IM

Ø
5.44"
(138.3mm)

3.29"
(83.5mm)

1.8"
(46mm)

4.23"
(107.5mm)

1.59"
(40.3mm)

5.44"
(138.3mm)
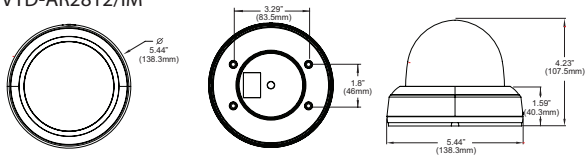
SPECIFICATIONS

VTD-AF4/IM

Image Device	1/2.9" CMOS Sensor
Resolution	1000 TV Lines
Min. Illumination	0.1 Lux (B/W) / 1.0 Lux (Color)
Effective Pixels	1305 x 1049 (1.39 MegaPixel)
S/N Ratio	More Than 52dB (AGC Off)
Smart Motion Zoom	YES
3D DNR	YES
Defog	YES
Standard Lens	3.6mm Fixed Lens
Power Source	12VDC Operation
Power Consumption	120 mA
Environmental	14°F~122°F (-10°C~50°C) at 30%~80% RH
Dimensions	4.6" x 3.07" (117mm x 78mm)
Weight	0.5lbs (227g)

VTD-A2812/IM

Image Device	1/2.9" CMOS Sensor
Resolution	1000 TV Lines
Min. Illumination	0.1 Lux (B/W) / 1.0 Lux (Color)
Effective Pixels	1305 x 1049 (1.39 MegaPixel)
S/N Ratio	More Than 52dB (AGC Off)
Smart Motion Zoom	YES
3D DNR	YES
Defog	YES
Standard Lens	Varifocal 2.8-12mm IR Corrected
Power Source	Dual Voltage 12VDC/24VAC Operation
Power Consumption (12VDC)	210 mA
Power Consumption (24VAC)	230 mA
Environmental	14°F~122°F (-10°C~50°C) at 30%~80% RH
Dimensions	5.45" x 3.7" (138.30mm x 93.76mm)
Weight	0.62lbs (272g)

SPECIFICATIONS

VTD-AR2812/IM

Image Device	1/2.9" CMOS Sensor
Resolution	1000 TV Lines
Min. Illumination	0.1 Lux (B/W) / 1.0 Lux (Color) / 0 Lux w/IR LEDs On
Effective Pixels	1305 x 1049 (1.39 MegaPixel)
S/N Ratio	More Than 52dB (AGC Off)
Smart Motion Zoom	YES
3D DNR	YES
Defog	YES
Standard Lens	Varifocal 2.8-12mm IR Corrected
IR LEDs (Built-In)	35 840nm LEDs
Power Source	Dual Voltage 12VDC/24VAC Operation
Power Consumption (12VDC)	210ma / 800ma (IR OFF/ON)
Power Consumption (24VAC)	230ma / 760ma (IR OFF/ON)
Environmental	14°F~122°F (-10°C~50°C) at 30%~80% RH
Dimensions	5.44" x 4.23" (138.3mm x 107.5mm)
Weight	0.75lb (318g)

NOTES

VITEK LIMITED PRODUCT WARRANTY

VITEK products carry a three (3) year limited warranty. VITEK warrants to the purchaser that products manufactured by VITEK are free of any rightful claim of infringement or the like, and when used in the manner intended, will be free of defects in materials and workmanship for a period of three (3) years, or as otherwise stated above, from the date of purchase by the end user. This warranty is nontransferable and extends only to the original buyer or end user customer of a Vitek Authorized Reseller.

The product must have been used only for its intended purpose, and not been subjected to damage by misuse, wilful or accidental damage, caused by excessive voltage or lightning.

The product must not have been tampered with in any way then the guarantee will be considered null and void.

This guarantee does not affect your statutory rights.

Contact your local VITEK Reseller should servicing become necessary.

Vitek makes no warranty or guarantee whatsoever with respect to products sold or purchased through unauthorized sales channels. Warranty support is available only if product is purchased through a Vitek Authorized Reseller.

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