



HD-TVI Waterproof Color Camera with 30 ft. Cable

CVC620WPT

3.6mm fixed lens, black housing



Features

- Full HD resolution over coax
- Additional analog output for 960H
- Full OSD operation through onboard UTC (up the coax)
- IP67 compliant, weather resistant
- 5 year warranty



Camera Specifications

Image Sensor	1/3" Sony CMOS, 2MP
Resolution	1920 x 1080
Effective Pixels	1984 (H) x 1105 (V)
Total Pixels	2000 (H) x 1121 (V)
Minimum Illumination	0.001 lux
Scanning System	Progressive
S/N Ratio	More than 50dB
Electronic Shutter	1/30 sec – 1/30,000 sec
Synchronization	Internal
TV System	NTSC
Communication	UTC

Operating Specifications

Power Supply	12VDC (power supply not included)
Power Consumption	200mA
Operation Temperature	-20°F - 120°F
Unit Dimensions	2.52" (L) x 1.34" (Dia.) x 3.5" (H)
Unit Weight	10 oz.
Cable	30' power/video cable included
Included in Package	Main unit, mounting screws, mounting bracket
Signal Distance	1600 ft. (depending on coax quality)

Optional Accessory



PSW5
12VDC
Power Supply

HD-TVI 1080p 2MP Waterproof Bullet Camera

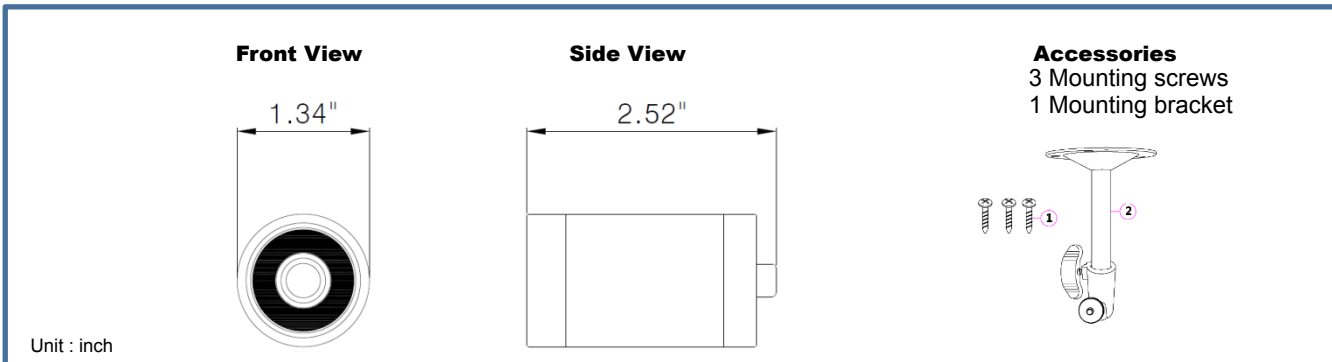
Underwater operation with **30ft. Cable**

UTC, 2BNC out for TVI & CVBS

CVC620WPT 3.6mm fixed lens, Black housing



DIMENSIONS



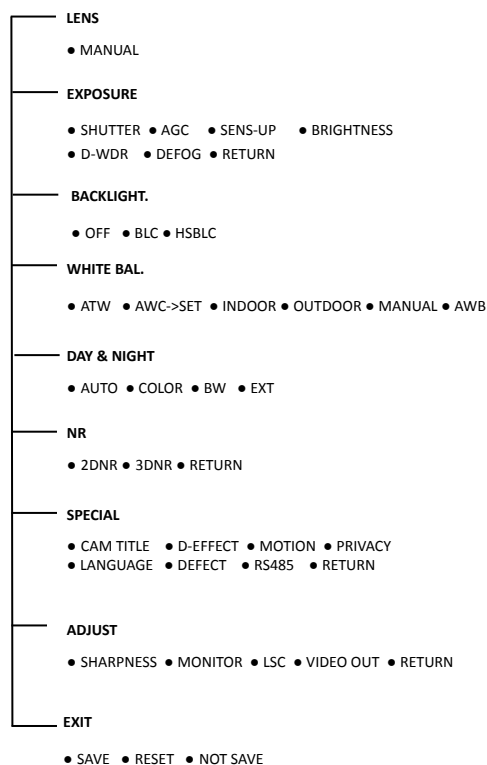
FEATURES

- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- Superior low-light performance
- 3.6mm fixed lens
- Water resistant
- 3-axis bracket for wall and ceiling mounting
- Full OSD operation through UTC (up the coax)
- Additional 960H analog output (BNC out in Yellow)
- 30' of power / video cable included
- 12VDC operation
- IP67 compliant
- 5 year warranty

SPECIFICATIONS

Image Sensor.....	1/3" Progressive Scan CMOS, 2MP
Minimum Illumination.....	0.001 lux (Sens-up 'On')
Effective Pixels.....	1984 (H) x 1105 (V)
Total Pixels.....	2000 (H) x 1121 (V)
Scanning System.....	Progressive
S/N Ratio.....	More than 50dB
Output Resolution.....	1920x1080 @ 30fps
Video Output.....	1.0Vp-p / 75 Ohms
Electronic Shutter.....	Auto / Manual (1/30 – 1/30,000 sec.)
Day / Night.....	Auto / Color / BW / External
Test Monitor Output.....	CVBS (BNC out in Yellow)
Communication.....	UTC (up the coax)
Power.....	12VDC (power supply not included)
Power Consumption.....	12VDC, 200mA max.
Operating Temperature....	-20° F – 120° F
Unit Dimensions.....	2.52" (L) x 1.34" (Dia.) x 3.5" (H)
Unit Weight.....	10 oz.
Certifications.....	FCC, RoHS
Signal Distance.....	Up to 1600 feet (depending on coax quality)*

OSD MENU TREE (through UTC)



OSD MENU Details

※ OSD Menu available only when using TVI output. Not available in standard analog mode.

1) LENS <MANUAL>

- This model is only for Manual mode.

2) EXPOSURE

<SHUTTER / AGC / SENS-UP / BRIGHTNESS / D-WDR / DEFOG / RETURN>

SHUTTER : Adjust shutter settings in Indoor mode only.

- FLK mode reduces on-screen flickering.

- Electronic Shutter Control(AUTO) adjusts brightness level on screen.

- Manual mode from 1/25~1/50,000 and also X2 ~ X30.

HD-TVI 1080p 2MP Waterproof Bullet Camera
Underwater operation with 30ft. Cable
UTC, 2BNC out for TVI & CVBS
CVC620WPT 3.6mm fixed lens, Black housing



OSD MENU Details

AGC (Auto Gain Control) : 0~15 Level Adjustable.

- Control Gain Noise to get proper image quality.
- Set AGC Mode as High to get brighter image but more noises of the picture.

SENS-UP : On / Off (X2~X30 Level Adjustable)

- Automatically detect light level and maintains a clear picture.

BRIGHTNESS : Adjust Brightness of the lens (1~100 Steps)

D-WDR : (Digital Wide Dynamic Range) : On / Auto / Off

- To distinguish an object in both bright and dare areas

DEFOG : Auto / Off

- To defog when the video or the weather is foggy.

- Set the desired area and gradation level.

3) BACKLIGHT : Off / BLC / HSBLC

BLC : Deliver a distinctive subject and background at the same time,

even when the subject is in backlight

HSBLC : To mask a strong light at the designated area.

4) WHITE BAL.

<ATW / AWC-SET / INDOOR / OUTDOOR / MANUAL/AWB>

ATW : Auto Tracking White Balance.

- Use this mode when the color temp. is between 1,800~10,000K

AWC->SET :

- To find the optimal setting for current luminance environment in this mode.

Set the point the camera towards a sheet of white paper and press the

Joystick S/W. If the environment changes, readjust it.

INDOOR : when the camera is installed indoor.

OUTDOOR : When the camera is installed outside

MANUAL

- To fine-tune White Balance manually. Set White balance first by using ATW

or AWC mode before Manual mode. After that , if there is still a white

balance issue, switch to manual mode and have a fine-tune. Manual mode

allows you to increase or decrease the red or blue factor.

AWB : Auto White Balance

5) DAY / NIGHT <AUTO / COLOR / BW / EXT>

AUTO : No Use for IR cameras.

COLOR : Display always color picture

B/W : Display always B/W picture

- **IR Smart** : Set the level and area to see the IR saturated object.

EXT : Automatic D/N switching by using external signals.

6) NR <2DNR / 3DNR>

- To reduce the background noise in a low luminance environment with 2D + 3D filtering system.

7) SPECIAL

CAM TITLE : To display a title on the monitor.

D-EFFECT : <Freeze / Mirror / Neg. Image / Return>

- Freeze : To hold the image to analyze precisely.

- Mirror : Change the video direction. Mirror / V-Flip

- Neg. Image : On/Off

MOTION :

A signal is generated by the camera whenever motion is detected.

You can define 4 areas and control its sensitivity.

PRIVACY :

To mask area which you want to mask. 4 areas selectable.

LANGUAGE : 12 International OSD languages are supported.

DEFECT : Use this mode when Dead Pixel is occurred.

- Live DPC : It corrects "Dead Pixel" while the camera is activated.

- White DPC : It corrects "White Spot" when the camera is firstly used.

- Black DPC : It corrects "Black Spot" when the camera is firstly used.

8) ADJUST

SHARPNESS : Level Adjustable.

MONITOR : CRT / LCD modes are provided.

LSC : Lens Shading Correction.

VIDEO OUT. NTSC / PAL : Select your TV system and resolution.

9) EXIT

Speco Technologies is constantly developing product improvements.
We reserve the right to modify product design and specifications without notice and without incurring any obligation.