

## SPECIFICATION

System	
Sensor	1/3" Panasonic CMOS
Video format	SDI digital signal
Total pixels	2010(H) × 1180(V)
Effective pixels	1920(H) × 1080 (V)
Real-time resolution	1080P (30fps)
Min.illumination	0 Lux (IR ON)
IR distance	Up to150ft
S/N ratio	≥50db (AGC OFF)
Video output	1 HD-SDI Output, 1 Analog Output, 75 Ohm
Lens	
Lens type	Varifocal 2.8-12mm
Function	
Electronic shutter	Manual/Auto(1/25~1/50000)
White balance	ATW/Manual/Outdoor/Indoor/AWC
NR( noise reduction)	2D/3D/ smart noise reduction
Digital effect	Freeze,Mirror,Neg. image
DWDR	High/Middle/Low/OFF
BLC	BLC/HLC/OFF
Lens shading compensation	ON/OFF
AGC	High/Middle/Low/OFF
Day&Night	Auto /B/W/Color/EXT
Privacy zones	ON/OFF(8areas)
Motion detection	ON/OFF(3 areas)
DPC	Yes
Mirror function	Horizontal/Vertical/Rotate
Defog function	High/Middle/Low
Digital output	SDI signal
Transmission rate	1.485/1.001Gb/s, HD-SDI output
SDI transmission range	450ft. use professional coaxial cable
OSD menu	English,Chinese
Environment	
Operating Environment	-22°F ~ 130°F / 0%-90% Humidity
Protection grade	IP66
Power Supply	DC12V±10%
Power consumption	800mA/DC12V
Dimensions	10"(L) x 4.76"(W) x 3.54"(H)
Weight	2lbs

### Important Operational and User Information:

- The power supply must be a regulated DC12V±10% power source.
- Reversing power polarity or video connections will damage the camera.
- Specifications and design are subject to change without prior notice.
- Understand all local installation codes, laws and video / audio restrictions before attempting to use this product.
- Opening, disassembling or modifying this product in any way will void any or all warranties.
- Active Vision Inc. is not responsible or liable for any loss, claim, damage, injury, or any direct, incidental or consequential damages of any kind (Including but not limited to monetary losses or corruption of data or information) which arises out of or is in any way connected with your use of this product.

## Active Vision Inc.

The Most Trusted Name in Video Surveillance

### Model: ACC-P216N-2VD-W HD-SDI IR Varifocal Bullet Camera

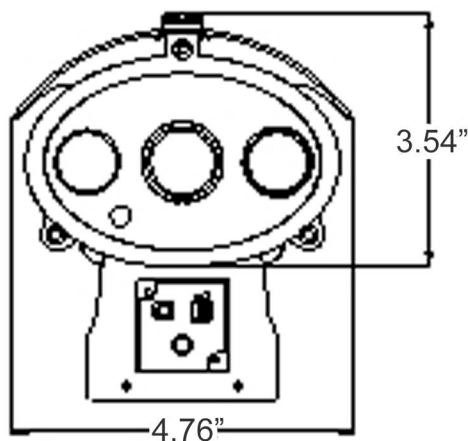
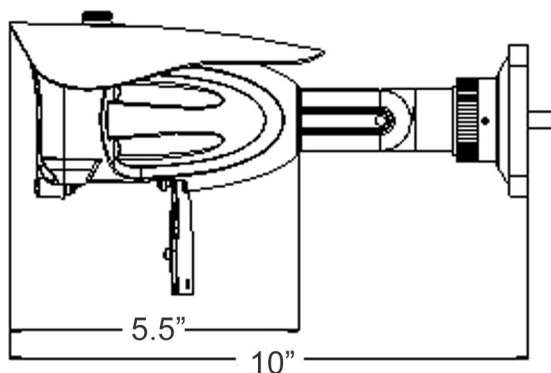


- 2.1 MegaPixel Resolution HD-SDI Camera Delivers 1080P High Definition Video Images
- Adjustable Zoom Lens 2.8 to 12mm
- Night Vision Up to 150ft. with 2 IR Arrays
- IP66 Rated Weatherproof Metal Case
- Universal 3-Axis Mounting Bracket
- OSD Camera Configuration Menu
- Sealed Weatherproof Door for Control Access
- HD Megapixel Images Without Signal Interruption or Video Delay
- Highest Quality and Reliability
- 3D Digital Noise Reduction
- Wide Dynamic Range (WDR) for Harsh Lighting Conditions

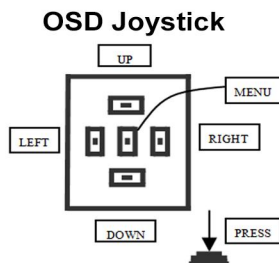
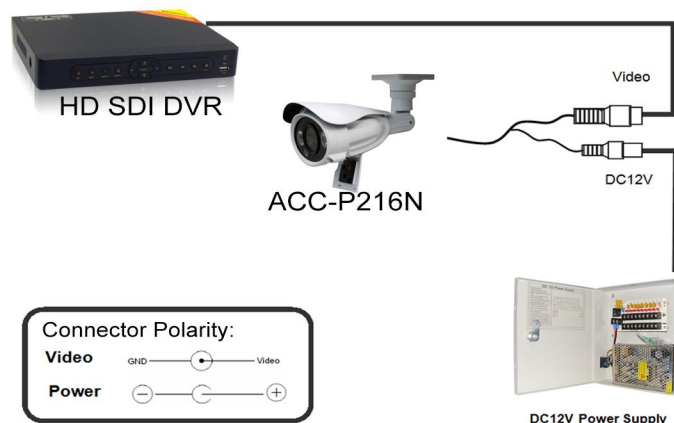
Active Vision Inc.  
711-6 Koehler Ave.  
Ronkonkoma, NY. 11779  
[www.Active-Vision.com](http://www.Active-Vision.com)

## INTRODUCTION

The Active Vision ACC-P216N-2VD-W is versatile indoor / outdoor HD-SDI bullet camera that can be used in a variety of CCTV applications. It's 2.1 MegaPixel (1080P) resolution offers outstanding quality, perfect for applications demanding high resolution and image clarity. The advanced lens system can easily be adjusted for a large range of distances. The ACC-P216N-2VD-W has a weatherproof metal case that can be ceiling or wall mounted and easily adjusted on any horizontal or vertical surface.



## CAMERA CONNECTION



## INSTALLATION

1. Mount the camera securely with the proper mounting hardware. The mounting hardware will vary based on the mounting surface, mounting bracket and location.
2. Connect the video HD-SDI connector to a 75 ohm coaxial cable.
3. Connect the 2.1mm power plug to a 12V DC regulated power supply.
4. Adjust the camera viewing angle.

## TROUBLESHOOTING

### No Video or Blank Screen

1. Check the camera power supply; Using a Volt Meter, ACA-DVM-1 or equivalent, verify the output power is  $12\text{VDC} \pm 10\%$ .
2. Verify that your cable lengths are under the maximum allowable cable length.
3. Using a Video Test Kit, ACA-VT-KIT-8C or equivalent, test the video output of the camera using both the built-in power port and powering the camera through the cable.

### Horizontal Noise Bars or Noisy Image

1. Noise can be caused by AC power. Verify the integrity of the video cable and make sure it's not run across high voltage sources.
2. Check all connected equipment, any connected device can introduce noise on a video signal.

### Image Brightness Keeps Changing

1. Light sources in a camera's field of view can cause image brightness to change, please try to adjust the camera's field of view.
2. Bad cables can cause image brightness to change, verify the cable is good.
3. Unstable power can cause image issues. Please verify the power supply output is  $12\text{VDC} \pm 10\%$  using a Volt Meter, ACA-DVM-1 or equivalent.

### The Image is distorted or unstable

1. Bad cables can cause image quality to change, verify the cable is good.
2. Verify that your cable lengths are under the maximum allowable cable length
3. Unstable power can cause image issues. Please verify the power supply output is  $12\text{VDC} \pm 10\%$  using a Volt Meter, ACA-DVM-1 or equivalent.
4. Using a Video Test Kit, ACA-VT-KIT-8C or equivalent, test the video output of the camera using both the built in power port and powering the camera through the cable.