

SPECIFICATION

Model	ACC-V04N-CH4D
Image Sensor	1/3" Image Sensor
Picture Elements	T:1020(H) x 508(V); E:976(H) x 498(V)
Resolution	750 TVL Color; 800 TVL B&W
Minimum Illumination	0 Lux with IR on
IR Illuminating Distance	Up to 60ft.
Infrared Emitters	Ø 5 X 24 PCS
Lens Included	Board Lens 3.6mm/F2.0
Viewing Angle	74° Degrees
Electronic Shutter	1/60~1/100,000
S/N Ratio	More than 48dB
White Balance	Auto
Gain Control	Auto
Sync. System	Internal
Video Output	Composite Signal (1.0Vp-p, 75Ω)
Video Connector	BNC
Water Resistance	IP66
Power Supply	12vDC±10% Regulated
Power Consumption	500mA
Operating Temp.	-10°C to +50°C
Dimensions	3.7"(D) x 2.7"(H)
Weight	1lbs

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-V04N-CH4D

Vandal Proof IR Dome Camera

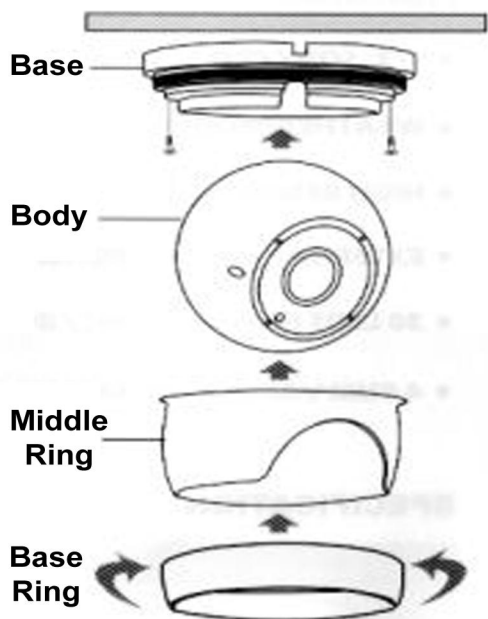


- High Resolution 800TVL
- Weatherproof Metal Case
- Impact Resistant Housing
- Night Vision with 24 High Output IR Emitters
- Advanced 3-Axis Rotation Design

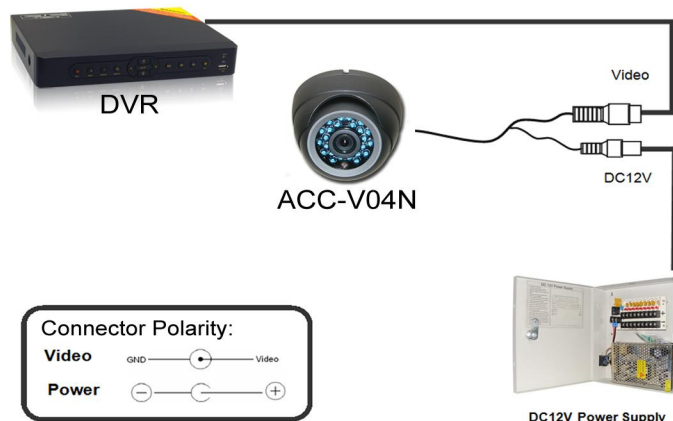
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INTRODUCTION

The Active Vision ACC-V04N-CH4D is a versatile indoor/outdoor vandal dome camera that can be used in a variety of CCTV applications and offers outstanding quality. The advanced lens system uses a revolutionary through-hole technology which allows the lens to pass through the lens cover eliminating IR glare for unmatched night time viewing and is designed for 24-hour surveillance applications. The ACC-V04N has a weatherproof metal case that can be ceiling or wall mounted and easily adjusted on any horizontal or vertical surface.

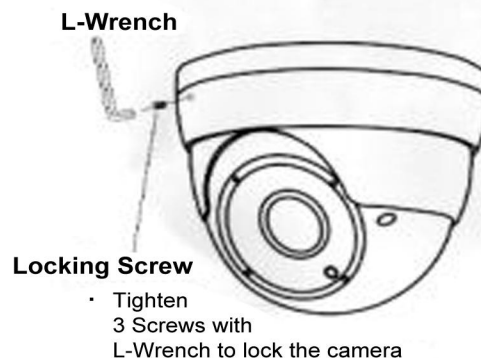


CAMERA CONNECTION



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 BNC 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.



Not All Models Include Locking Screws

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.