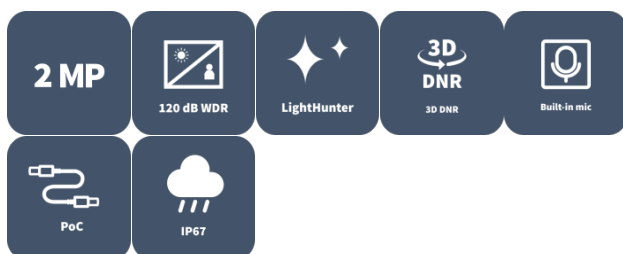


## 2MP LightHunter PoC VF IR Dome Analog Camera UAC-D312-ADPZMS



## Overview

UAC-D312-ADPZMS is a 2MP LightHunter PoC VF IR dome analog camera with a high-performance 1/2.8-inch CMOS sensor and 3D noise reduction technology. It supports TVI/AHD/CVI/CVBS, which effectively enhances product adaptability and diversity of networking solutions. With SYV-75-3 or other coaxial cable types, the camera can achieve low-cost, long-distance, and anti-interference mega-pixel HD video transmission without time delay. In addition, the PoC power supply system can achieve video and power transmission on one cable, simplifying wiring and installation work, and improving structural flexibility. It supports IR-cut filter with auto-switch (ICR) and provides color images at daytime and black/white images at night. The camera also supports audio input and synchronous transmission of audio and video.

## Features

- \* Coaxial cables are recommended for video signal transmission, such as SYV-75-3, SYV-75-5, or RG59 cables.
- \* To use the varifocal analog camera, make sure it is used with our XVR301-04U3-P4, and the XVR must be upgraded to B3520.9.33.241226 or later firmware version.
- High quality imaging with 2MP resolution
- 2.8mm-12mm motorized lens
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- LightHunter monitoring with high-sensitivity sensor
- 3D noise reduction technology delivers clean and sharp images
- Supports 180° horizontal/vertical flip

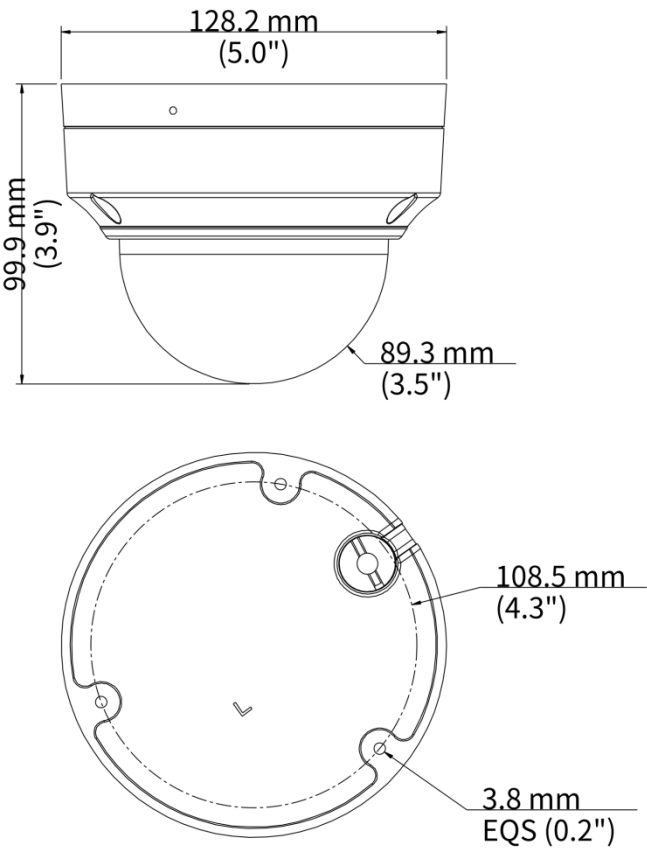
- OSD configuration menu, easy to operate
- Water and dust resistant (IP67) and vandal-resistant (IK10)
- OSD configuration menu in 11 languages
- Built-in microphone for high quality audio transmission via coaxial cables
- Support PoC power supply

## Specifications

| Model                   | UAC-D312-ADPZMS                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>           |                                                                                                                                                                                                      |
| Max Resolution          | 2 MP                                                                                                                                                                                                 |
| Sensor Size             | 1/2.8" CMOS                                                                                                                                                                                          |
| Min. Illumination       | 0.005 lux (F1.6, AGC ON)<br>0 lux (IR on)                                                                                                                                                            |
| <b>Lens</b>             |                                                                                                                                                                                                      |
| Focus                   | 2.8 to 12 mm                                                                                                                                                                                         |
| Lens Mount              | Φ14                                                                                                                                                                                                  |
| Angle of View (H)       | 98.5° ~ 33.0°                                                                                                                                                                                        |
| Angle of View (V)       | 54.5° ~ 19.3°                                                                                                                                                                                        |
| Angle of View (D)       | 114.0° ~ 39.2°                                                                                                                                                                                       |
| <b>Illuminator</b>      |                                                                                                                                                                                                      |
| Illuminator Number      | Two IR illuminators                                                                                                                                                                                  |
| Illumination Distance   | 30m                                                                                                                                                                                                  |
| Lifetime                | ≥ 60000 hours                                                                                                                                                                                        |
| <b>Video</b>            |                                                                                                                                                                                                      |
| Resolution              | 1080P: 1920(H)×1080(V)<br>720P: 1280(H) ×720(V)                                                                                                                                                      |
| Frame Rate              | CVI: 1080P@25fps (default), 1080P@30fps; 720P@25fps, 720P@30fps<br>TVI: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps<br>AHD: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps<br>CVBS: PAL, NTSC |
| Shutter Time            | PAL: 1/25 s-1/50000 s, NTSC: 1/30 s-1/50000 s                                                                                                                                                        |
| <b>Image</b>            |                                                                                                                                                                                                      |
| Exposure Mode           | Four modes: Global (default), BLC, HLC, WDR                                                                                                                                                          |
| Day/Night               | Three modes: Auto (default), Day, Night                                                                                                                                                              |
| Digital Noise Reduction | 2D/3D                                                                                                                                                                                                |
| White Balance           | Two modes: Auto (default), Manual                                                                                                                                                                    |
| WDR                     | 120 dB WDR                                                                                                                                                                                           |
| Smart IR                | Support                                                                                                                                                                                              |
| Flip                    | Supports 180°horizontal flip, 180°vertical flip                                                                                                                                                      |
| Digital Defog           | N/A                                                                                                                                                                                                  |
| <b>Audio</b>            |                                                                                                                                                                                                      |
| Built-in Mic            | Support                                                                                                                                                                                              |
| Camera Audio            | CVI: 1080P@25fps, 1080P@30fps                                                                                                                                                                        |

|                              |                                                                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|                              | * Audio function of the POC series camera is only available when the camera is used with our POC series XVRs.                            |
| <b>Interface</b>             |                                                                                                                                          |
| Power Interface              | 5.5 mm Power Interface                                                                                                                   |
| Video Output                 | BNC, supports TVI/AHD/CVI/CVBS                                                                                                           |
| <b>Operating Environment</b> |                                                                                                                                          |
| Temperature                  | -30 °C to 60 °C (-22 °F to 140 °F)                                                                                                       |
| Humidity                     | ≤ 95% RH (non-condensing)                                                                                                                |
| Surge Protection             | 4 KV for power, 4 KV for video output interfaces                                                                                         |
| <b>General</b>               |                                                                                                                                          |
| Power                        | PoC                                                                                                                                      |
| Power Consumption            | 7.3 W (POC)                                                                                                                              |
| Mount                        | Wall Mount, Pole Mount, Corner Mount, Pendant Mount                                                                                      |
| Dimensions                   | Φ128 x 100mm (Ø5.0" x 3.9")                                                                                                              |
| Material                     | Metal                                                                                                                                    |
| Weight                       | 640g(1.41lb)                                                                                                                             |
| OSD Menu Language            | 11 Languages: English, German, Spanish (Latin America), French, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Turkish |
| <b>Certification</b>         |                                                                                                                                          |
| EMC                          | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035), FCC (FCC 47 CFR part15 B)                                                   |
| Safety                       | CE-LVD (EN 62368-1)                                                                                                                      |
| Environment                  | CE-RoHS (2011/65/EU; (EU) 2015/863); WEEE (2012/19/EU)                                                                                   |
| Protection                   | IP67 (IEC 60529), IK10 (IEC 62262)                                                                                                       |

# Dimensions



# Accessories

**TR-JB03-H-IN-V2**

Junction Box for Metal Turret Camera(Support wiring from behind)



**TR-A01-IN**

NPT 3/4" Waterproof Cable Gland



**TR-CM24-IN**

Dome Pendant Mounting Bracket(Indoor)



**TR-SE24-A-IN**

Dome Pendant Mounting Pole 500mm



**TR-SE24-IN**

Dome Pendant Mounting Pole 200mm



**TR-JB07/WM03-F-IN-V2**

Wall Mounting Assembling Bracket with Back Hole for 3 Inch Hemisphere



TR-WM03-B-IN-V2

Wall Mounting Assembling Bracket for 3  
Inch Hemisphere



HS-207S

Sunshade Shell for Zoom Dome



TR-UP06-C-IN-V2

Pole Mounting Bracket for Bullet Junction  
Box Only



TR-UC08-C-V2

Bullet&Dome Corner Mounting Bracket



PWR-DC1201A-UK

DC12V/1A Wall Plug British Standard  
Power Adapter



PWR-DC1201B-UK

UNV DC12V/1A Wall Plug British Standard  
Power Adapter(Colorful Bag)



PWR-DC1201A-US

DC12V/1A Wall Plug American Standard  
Power Adapter



PWR-DC1201B-US

UNV DC12V/1A Wall Plug American  
Standard Power Adapter(Colorful Bag)



PWR-DC1201A-EU

DC12V/1A Wall Plug European Standard  
Power Adapter



PWR-DC1201B-EU

UNV DC12V/1A Wall Plug European  
Standard Power Adapter(Colorful Bag)



PWR-DC1201A-IND

UNV DC12V/1A Wall Plug Indian  
Standard Power Adapter-Colorful Bag



### Zhejiang Uniview Technologies Co., Ltd.



<http://www.uniview.com>



[overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)



No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China



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