

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



## Overview

UAC-D312-AZLM is a 2MP LightHunter VF IR Dome Analog Camera with a high performance 1/3 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. 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

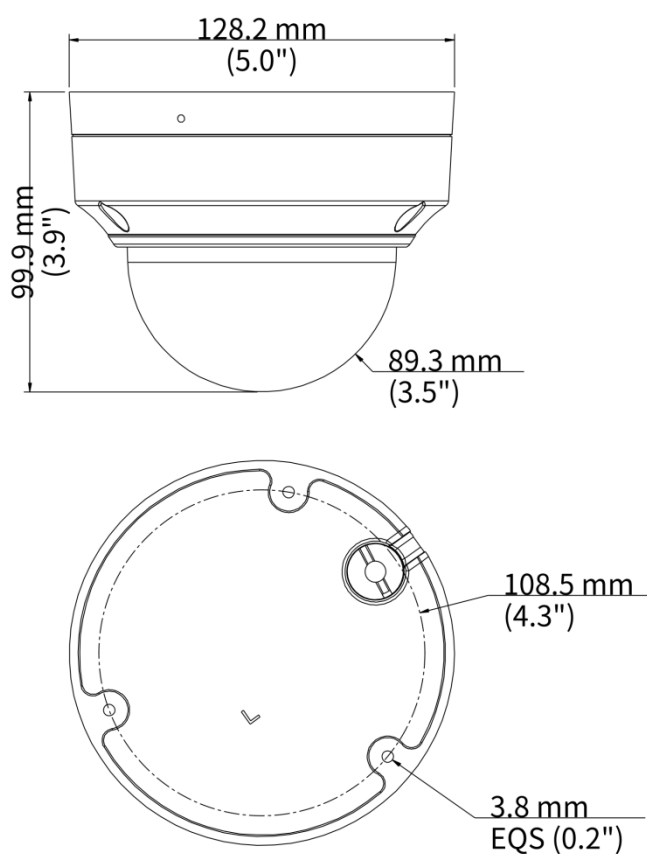
- High quality imaging with 2MP resolution
- 2.8mm-12mm motorized lens
- TVI/AHD/CVI/CVBS
- Supports IR cut filter with auto switch (ICR)
- 3D noise reduction technology delivers clean and sharp images
- Supports 180° horizontal/vertical flip
- OSD configuration menu, easy to operate
- Water and dust resistant (IP67) and vandal resistant (IK10)
- OSD configuration menu in 11 languages
- Built in microphone for high quality audio transmission via coaxial cables

## Specifications

| Model                        | UAC-D312-AZLM                                                                                                                                                                                        |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>                |                                                                                                                                                                                                      |
| Max Resolution               | 2 MP                                                                                                                                                                                                 |
| Sensor Size                  | 1/3.0" 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)            | 91.3° ~ 31.3°                                                                                                                                                                                        |
| Angle of View (V)            | 52.2° ~ 18.5°                                                                                                                                                                                        |
| Angle of View (D)            | 106.8° ~ 35.9°                                                                                                                                                                                       |
| <b>Illuminator</b>           |                                                                                                                                                                                                      |
| Illuminator Number           | Two IR illuminators                                                                                                                                                                                  |
| Illumination Distance        | 30 m                                                                                                                                                                                                 |
| 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, DWDR                                                                                                                                                         |
| Day/Night                    | Three modes: Auto (default), Day, Night                                                                                                                                                              |
| Digital Noise Reduction      | 2D/3D                                                                                                                                                                                                |
| White Balance                | Two modes: Auto (default), Manual                                                                                                                                                                    |
| WDR                          | DWDR                                                                                                                                                                                                 |
| 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<br>* Audio function of the camera is only available when the camera is used with our G3/Q3/U3 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                                                                                         |
| General           |                                                                                                                                          |
| Power             | DC 12 V±25%                                                                                                                              |
| Power Consumption | MAX 2.78W                                                                                                                                |
| Mount             | Wall Mount, Pole Mount, Corner Mount, Pendant Mount                                                                                      |
| Dimensions        | Φ128 x 100mm (Ø5.0" x 3.9")                                                                                                              |
| Material          | Metal + Plastic                                                                                                                          |
| Weight            | 530g(1.17lb)                                                                                                                             |
| OSD Menu Language | 11 Languages: English, German, Spanish (Latin America), French, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Turkish |
| Certification     |                                                                                                                                          |
| 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-UP06-IN**

Universal Pole Mounting Bracket

**TR-A01-IN**

NPT 3/4" Waterproof Cable Gland

**TR-SE24-A-IN**

Dome Pendant Mounting Pole 500mm

**TR-SE24-IN**

Dome Pendant Mounting Pole 200mm

**TR-CM24-IN**

Dome Pendant Mounting Bracket(Indoor)

**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

**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



# Unlimited New View

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