

## 5MP LightHunter HD IR Fixed Dome Analog Camera UAC-D125-AF28M



## Overview

UAC-D125-AF28M is a 5MP LightHunter HD IR fixed dome analog camera with a high-performance 1/2.7-inch CMOS sensor. 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 5MP resolution
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- LightHunter monitoring with high-sensitivity sensor
- 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
- Metal base and metal housing
- 3-Axis

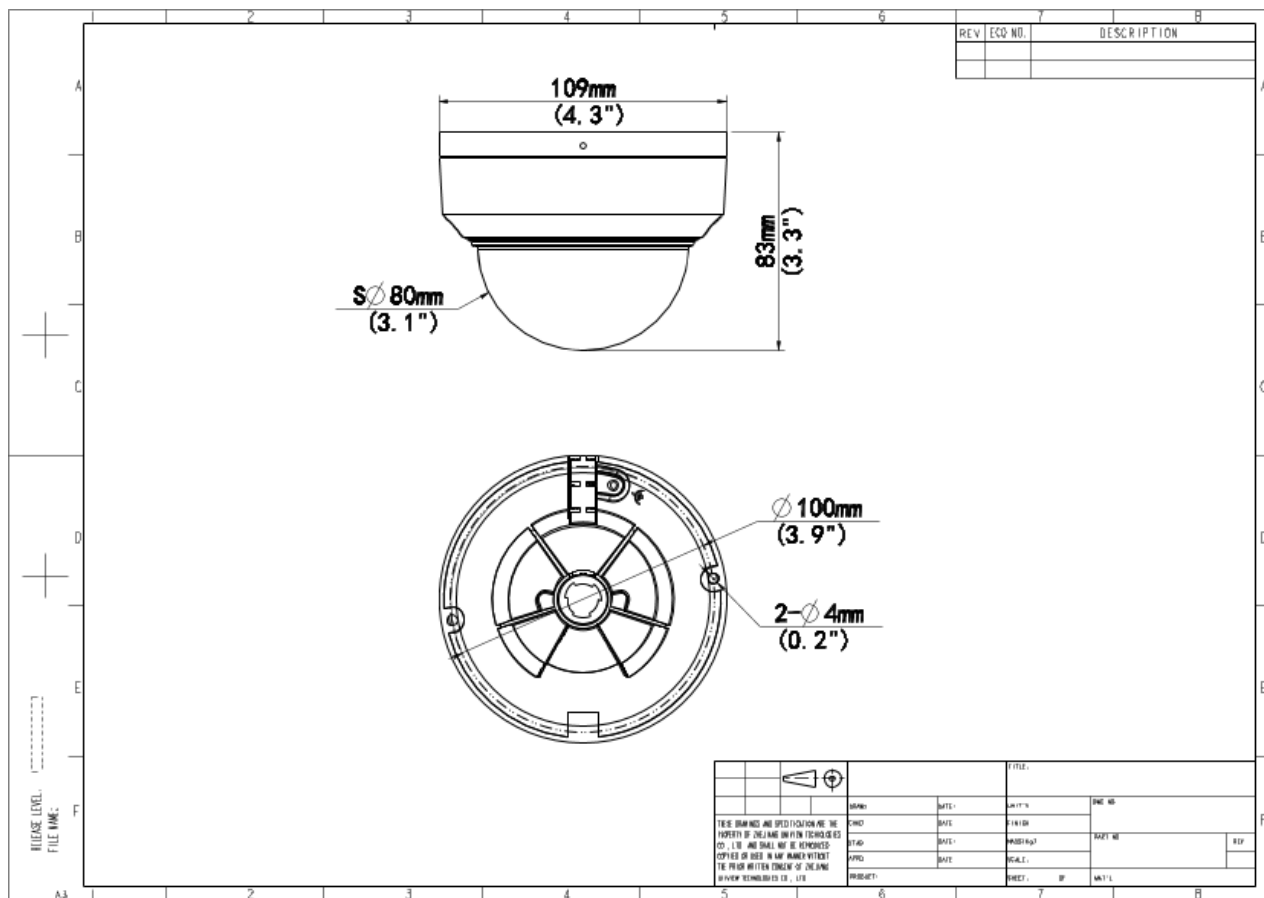
## Specifications

|        |                |
|--------|----------------|
| Model  | UAC-D125-AF28M |
| Camera |                |

|                         |                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Max Resolution          | 5 MP                                                                                                                                                                                                                                      |
| Sensor Size             | 1/2.7" CMOS                                                                                                                                                                                                                               |
| Min. Illumination       | 0.005 lux (F1.6, AGC ON)<br>0 lux (IR on)                                                                                                                                                                                                 |
| Lens                    |                                                                                                                                                                                                                                           |
| Focus                   | 2.8 mm                                                                                                                                                                                                                                    |
| Lens Mount              | M12                                                                                                                                                                                                                                       |
| Angle of View (H)       | 109.1°                                                                                                                                                                                                                                    |
| Angle of View (V)       | 60.9°                                                                                                                                                                                                                                     |
| Angle of View (D)       | 126.7°                                                                                                                                                                                                                                    |
| Illuminator             |                                                                                                                                                                                                                                           |
| Illuminator Number      | One IR illuminator                                                                                                                                                                                                                        |
| Illumination Distance   | 30m                                                                                                                                                                                                                                       |
| Lifetime                | ≥ 60000 hours                                                                                                                                                                                                                             |
| Video                   |                                                                                                                                                                                                                                           |
| Resolution              | 5MP@25fps: 2880(H)×1620(V); 5MP@20fps: 2592(H)×1944(V); 5MP@12.5fps: 2592(H)×1944(V)<br>4MP: 2560(H)×1440(V) 1080P: 1920(H)×1080(V)                                                                                                       |
| Frame Rate              | TVI: 5MP@20fps (default), 5MP@12.5fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps<br>AHD: 5MP@20fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps CVI: 5MP@25fps,<br>4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps CVBS: PAL, NTSC |
| Shutter Time            | PAL: 1/25s-1/50000s,<br>NTSC: 1/30s-1/50000s                                                                                                                                                                                              |
| Image                   |                                                                                                                                                                                                                                           |
| Exposure Mode           | Four modes: Global (default), BLC, HLC, DWDR                                                                                                                                                                                              |
| Day/Night               | Three modes: Auto (default), Day, Night                                                                                                                                                                                                   |
| Digital Noise Reduction | 2D                                                                                                                                                                                                                                        |
| White Balance           | Two modes: Auto (default), Manual                                                                                                                                                                                                         |
| WDR                     | DWDR                                                                                                                                                                                                                                      |
| Smart IR                | Support                                                                                                                                                                                                                                   |
| Flip                    | Supports 180°horizontal flip, 180°vertical flip                                                                                                                                                                                           |
| Digital Defog           | N/A                                                                                                                                                                                                                                       |
| Audio                   |                                                                                                                                                                                                                                           |
| Built-in Mic            | Support                                                                                                                                                                                                                                   |
| Camera Audio            | TVI: 5MP@20fps, 5MP@12.5fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps<br>CVI: 5MP@25fps, 4MP@25fps, 4MP@30fps                                                                                                                       |
| Interface               |                                                                                                                                                                                                                                           |
| Power Interface         | 5.5 mm Power Interface                                                                                                                                                                                                                    |
| Video Output            | BNC, supports TVI/AHD/CVI/CVBS                                                                                                                                                                                                            |
| Operating Environment   |                                                                                                                                                                                                                                           |
| 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                                                                                                                                                                                          |
| Ingress Protection      | IP67                                                                                                                                                                                                                                      |

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| IK Rating         | IK10                                                              |
| General           |                                                                   |
| Power             | DC 12 V $\pm$ 25%                                                 |
| Power Consumption | MAX 3.3W                                                          |
| Mount             | Wall Mount, Pole Mount, Corner Mount, Tilted Mount, Pendant Mount |
| Dimensions        | $\Phi$ 109mm*83mm (diameter*height)                               |
| Material          | Metal                                                             |
| Weight            | 372g(0.82lb)                                                      |

## Dimensions



## Accessories

### TR-JB03-G-IN

Junction Box for Mini Fix-dome(Support wiring from behind)



### TR-JB07/WM03-G-IN

Wall Mounting Assembling Bracket For 32 Fix-dome&Mini Fix-dome&Plastic Turret Camera



### TR-WM03-D-IN

Wall Mounting Bracket for 32 Fix-dome&Mini Fix-dome&Plastic Turret Camera



TR-A01-IN

NPT 3/4" Waterproof Cable Gland



TR-SE24-IN

Dome Pendent Mounting Pole 200mm



TR-SE24-A-IN

Dome Pendent Mounting Pole 500mm



TR-CM24-IN

Dome Pendent Mounting Bracket(Indoor)



TR-UM06-E-IN

Slant Mounting Bracket for Fixed Dome



PWR-DC1201B-US

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



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