

## 5MP LightHunter PoC Fixed IR Dome Analog Camera UAC-D125-APF28M



## Overview

UAC-D125-APF28M is a 5MP LightHunter PoC fixed IR 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. 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

- 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
- 3-Axis
- Support PoC power supply

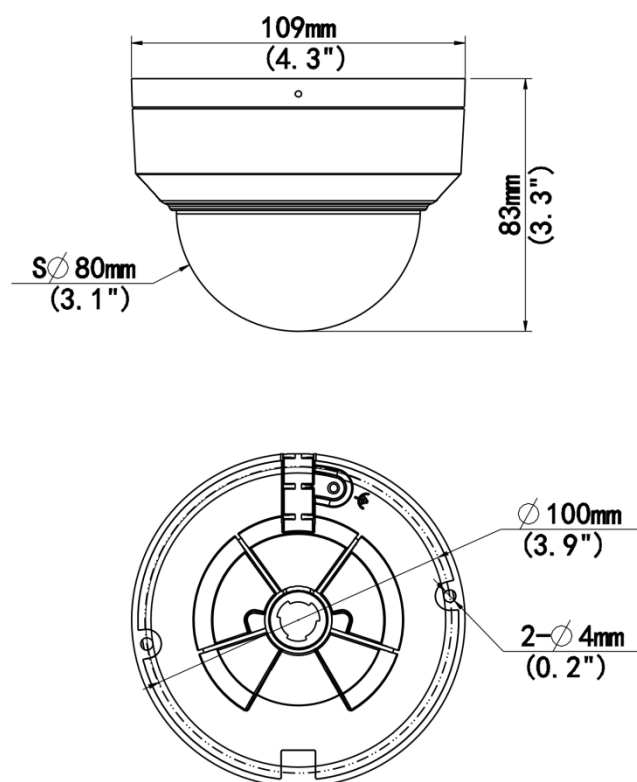
## Specifications

|       |                 |
|-------|-----------------|
| Model | UAC-D125-APF28M |
|-------|-----------------|

| 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@30fps, 4MP@25fps, 1080P@30fps, 1080P@25fps<br>AHD: 5MP@20fps, 4MP@30fps, 4MP@25fps, 1080P@30fps, 1080P@25fps<br>CVI: 5MP@25fps, 4MP@30fps, 4MP@25fps, 1080P@30fps, 1080P@25fps<br>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                                                                                                                                                                                              |
| Audio                   |                                                                                                                                                                                                                                              |
| Built-in Mic            | Support                                                                                                                                                                                                                                      |
| Camera Audio            | TVI: 5MP@20fps, 5MP@12.5fps, 4MP@30fps, 4MP@25fps, 1080P@30fps, 1080P@25fps<br>CVI: 5MP@25fps, 4MP@30fps, 4MP@25fps* Audio function of the PoC series camera is only available when the camera is used with our PoC series XVRs.             |
| 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                                                                                                                                                                                             |

| General           |                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Power             | DC 12 V $\pm$ 25%/PoC                                                                                                                    |
| Power Consumption | MAX 3.3W                                                                                                                                 |
| Mount             | Wall Mount, Pole Mount, Corner Mount, Pendant Mount, Tilted Mount                                                                        |
| Dimensions        | $\Phi$ 109mm*83mm (diameter*height)                                                                                                      |
| Material          | Metal                                                                                                                                    |
| Weight            | 390g (0.86lb)                                                                                                                            |
| 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)<br>IK10 (IEC 62262)                                                                                                     |

## Dimensions



## Accessories

**TR-JB03-G-IN**

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

**TR-CM24-IN**

Dome Pendant Mounting Bracket(Indoor)

**TR-A01-IN**

NPT 3/4" Waterproof Cable Gland

**TR-UM06-E-IN**

Slant Mounting Bracket for Fixed Dome

**PWR-DC1201A-US**

DC12V/1A Wall Plug American Standard Power Adapter

**TR-SE24-A-IN**

Dome Pendant Mounting Pole 500mm

**TR-JB07/WM03-G-IN**

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

**TR-UP06-IN**

Universal Pole Mounting Bracket

**PWR-DC1201A-UK**

DC12V/1A Wall Plug British Standard Power Adapter

**PWR-DC1201B-US**

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

**TR-SE24-IN**

Dome Pendant Mounting Pole 200mm

**TR-WM03-D-IN**

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

**TR-UC08-C**

Bullet&Dome Corner Mounting Bracket

**PWR-DC1201B-UK**

UNV DC12V/1A Wall Plug British 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



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