

# 5MP LightHunter PoC Fixed IR Turret Analog Camera UAC-T125-APF28LM



## Overview

UAC-T125-APF28LM is a 5MP LightHunter PoC fixed IR turret 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

- \* Coaxial cables are recommended for video signal transmission, such as SYV-75-3, SYV-75-5, or RG59 cables.
- \* To achieve power supply on the coaxial cable, please use the camera with our PoC series XVRs.
- 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 flip, 180° vertical flip
- OSD configuration menu, easy to operate
- IP67 waterproof and dustproof design, high reliability
- OSD configuration menu in 11 languages
- Built-in microphone for high quality audio transmission via coaxial cables

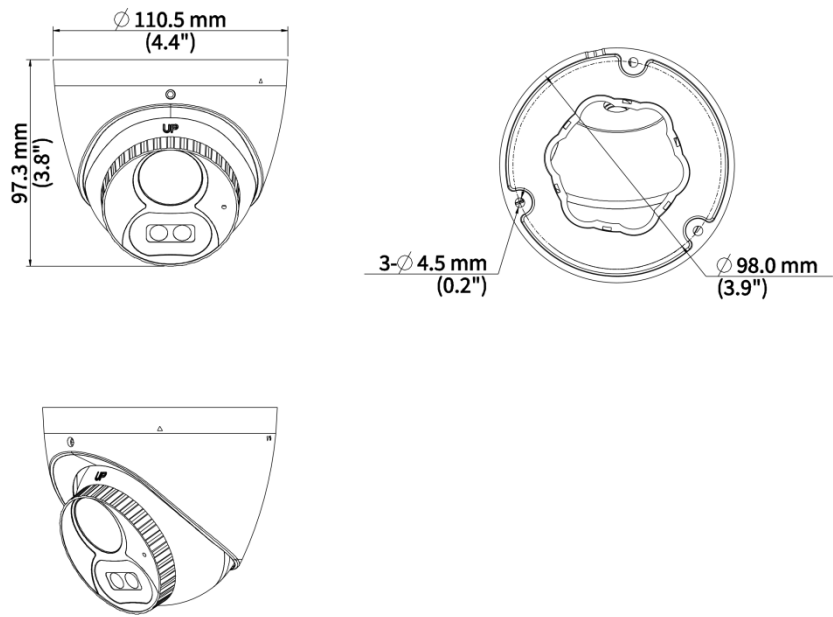
- 3-Axis
- Support PoC power supply

## Specifications

| Model                   | UAC-T125-APF28LM                                                                                                                                                                                                                             |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>           |                                                                                                                                                                                                                                              |
| Max Resolution          | 5 MP                                                                                                                                                                                                                                         |
| Sensor Size             | 1/2.7" CMOS                                                                                                                                                                                                                                  |
| Min. Illumination       | 0.005 lux (F1.6, AGC ON)<br>0 lux (IR on)                                                                                                                                                                                                    |
| <b>Lens</b>             |                                                                                                                                                                                                                                              |
| 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°                                                                                                                                                                                                                                       |
| <b>Illuminator</b>      |                                                                                                                                                                                                                                              |
| Illuminator Number      | Two IR illuminators                                                                                                                                                                                                                          |
| Illumination Distance   | 40m                                                                                                                                                                                                                                          |
| Lifetime                | ≥ 60000 hours                                                                                                                                                                                                                                |
| <b>Video</b>            |                                                                                                                                                                                                                                              |
| 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)<br>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                                                                                                                                                                                                 |
| <b>Image</b>            |                                                                                                                                                                                                                                              |
| 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                                                                                                                                                                                              |
| <b>Audio</b>            |                                                                                                                                                                                                                                              |
| 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<br>* 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                        | DC 12 V±25%/PoC                                                                                                                                                                                                                      |
| Power Consumption            | MAX 3.4W                                                                                                                                                                                                                             |
| Mount                        | Wall Mount, Pole Mount, Corner Mount, Pendant Mount                                                                                                                                                                                  |
| Dimensions                   | Φ111mm*98mm (diameter*height)                                                                                                                                                                                                        |
| Material                     | Metal + Plastic                                                                                                                                                                                                                      |
| Weight                       | 370g (0.82lb)                                                                                                                                                                                                                        |
| 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)                                                                                                                                                                                                                     |

## Dimensions



# Accessories

**TR-JB03-G-IN**

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



**TR-SE24-A-IN**

Dome Pendent Mounting Pole 500mm



**TR-SE24-IN**

Dome Pendent Mounting Pole 200mm



**TR-CM24-IN**

Dome Pendent Mounting Bracket(Indoor)



**TR-A01-IN**

NPT 3/4" Waterproof Cable Gland



**TR-UP06-IN**

Universal Pole Mounting Bracket



TR-JB07/WM03-G-IN-V2

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



TR-WM03-D-IN-V2

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



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



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