

## 2MP LightHunter PoC Fixed IR Dome Analog Camera UAC-D122-APF28M



## Overview

UAC-D122-APF28M is a 2MP LightHunter PoC fixed IR dome analog camera with a high-performance 1/2.9-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 achieve power supply on the coaxial cable, please use the camera with our PoC series XVRs.
- High quality imaging with 2MP resolution
- 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)

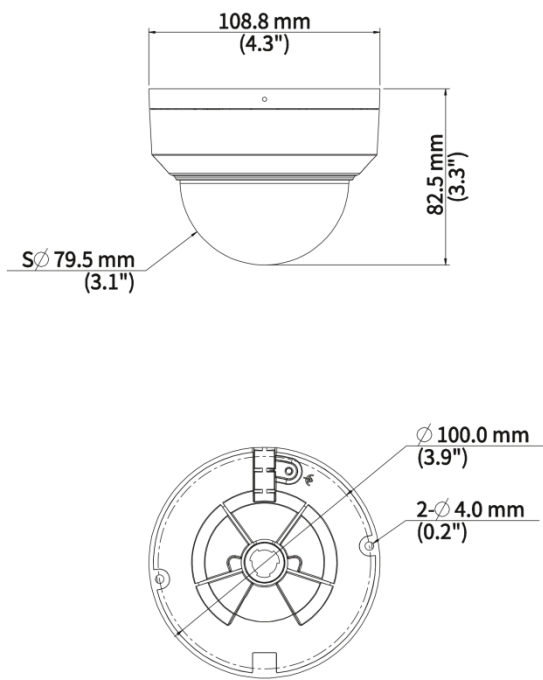
- OSD configuration menu in 11 languages
- Built-in microphone for high quality audio transmission via coaxial cables
- Supports defog
- 3-Axis
- Support PoC power supply

## Specifications

Model	UAC-D122-APF28M
<b>Camera</b>	
Max Resolution	2 MP
Sensor Size	1/2.9" CMOS
Min. Illumination	0.005 lux (F1.6, AGC ON) 0 lux (IR on)
<b>Lens</b>	
Focus	2.8 mm
Lens Mount	M12
Angle of View (H)	101.5°
Angle of View (V)	56.9°
Angle of View (D)	117.4°
<b>Illuminator</b>	
Illuminator Number	One IR illuminator
Illumination Distance	30m
Lifetime	≥ 60000 hours
<b>Video</b>	
Resolution	1080P: 1920(H)×1080(V) 720P: 1280(H) ×720(V)
Frame Rate	TVI/AHD/CVI: 1080P@25fps(default), 1080P@30fps; 720P@25fps, 720P@30fps CVBS: PAL, NTSC
Shutter Time	PAL: 1/25s-1/50000s, 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/3D
White Balance	Two modes: Auto (default), Manual
WDR	DWDR
Smart IR	Support
Flip	Supports 180°horizontal flip, 180°vertical flip
Digital Defog	Support
<b>Audio</b>	
Built-in Mic	Support
Camera Audio	TVI: 1080P@25fps, 1080P@30fps 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	DC 12 V±25%/PoC
Power Consumption	MAX 3.3W
Mount	Wall Mount, Pole Mount, Corner Mount, Pendant Mount, Tilted Mount
Dimensions	Φ109mm*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
<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-G-IN

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



## 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-A01-IN

NPT 3/4" Waterproof Cable Gland



## TR-UP06-IN

Universal Pole Mounting Bracket



TR-UM06-E-IN

Slant Mounting Bracket for Fixed Dome



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&amp;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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