# 2MP Fixed IR Turret Analog Camera

## UAC-T112-AF28(40)



## Overview

UAC-T112-AF28(40) is a 2MP fixed IR turret 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

- 2MP high quality image
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- 3D noise reduction technology delivers clean and sharp images
- 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

## Specifications

| Model | UAC-T112-AF28 | UAC-T112-AF40 |
|---|---|---|
| Camera | | |
| Max Resolution | 2 MP | |

| Sensor Size | 1/3.0" CMOS | |
|---|---|---|
| Min. Illumination | 0.02 lux (F2.0, AGC ON)<br>0 lux (IR ON) | |
| **Lens** | | |
| Focus | 2.8 mm | 4.0 mm |
| Lens Mount | M12 | |
| Angle of View (H) | 90.5° | 80.2° |
| Angle of View (V) | 49.6° | 40.7° |
| Angle of View (D) | 109.5° | 90.5° |
| **Illuminator** | | |
| Illuminator Number | One IR illuminator | |
| Illumination Distance | 20m | |
| Lifetime | ≥ 60000 hours | |
| **Video** | | |
| Resolution | 1080P: 1920(H)×1080(V)<br>720P: 1280(H) ×720(V) | |
| Frame Rate | TVI: 1080P@25fps (default), 1080P@30fps; 720P@25fps, 720P@30fps<br>AHD: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps<br>CVI: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps<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/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 | |
| **Audio** | | |
| Built-in Mic | Support | |
| Camera Audio | TVI: 1080P@25fps, 1080P@30fps<br>CVI: 1080P@25fps, 1080P@30fps | |
| **Interface** | | |
| Power Interface | 5.5 mm Power Interface | |
| Video Output | BNC, supports TVI/AHD/CVI/CVBS | |
| **Operating Environment** | | |
| Temperature | -30 ℃ to 60 ℃ (-22 ℉ to 140 ℉) | |

| Humidity | ≤ 95% RH (non-condensing) |
|---|---|
| Surge Protection | 4kV for power&4kV for video output interfaces |
| General | 3 |
| Power | DC 12 V ± 25% |
| Power Consumption | MAX 2.2W |
| Mount | Wall Mount, Pole Mount, Corner Mount, Pendant Mount |
| Dimensions | Φ118mm*96mm (diameter*height) |
| Material | Plastic |
| Weight | 182g(0.40lb) |
| 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) |

# Dimensions
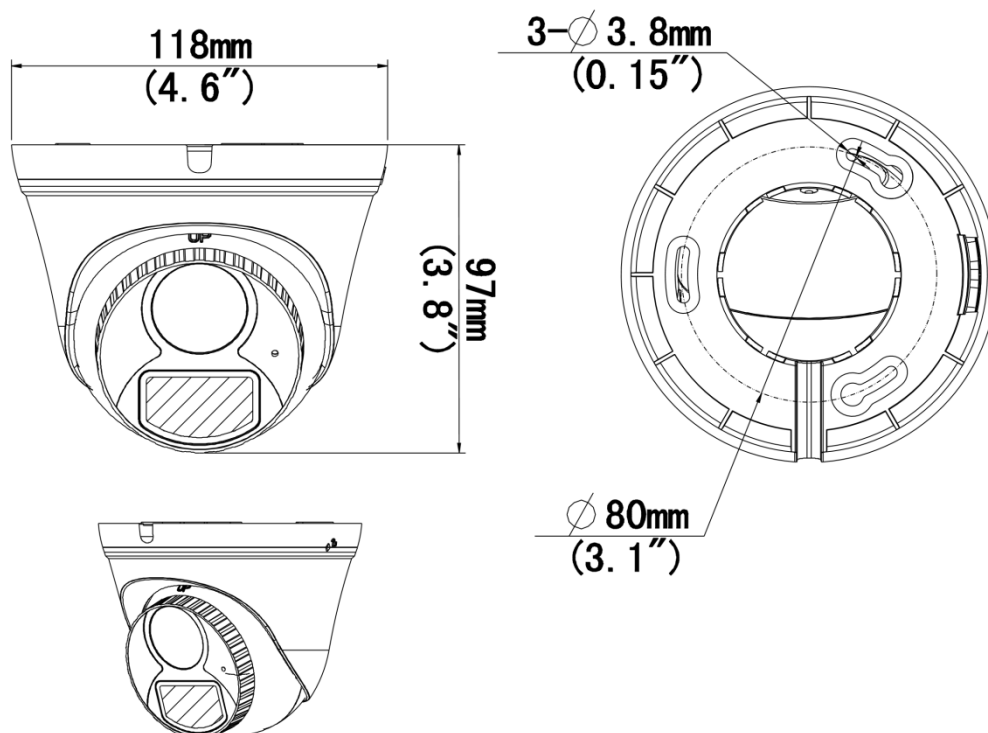
# Accessories

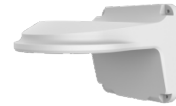| | | |
|---|---|---|
| **TR-JB03-I-IN** | **TR-JB07/WM03-G-IN** | **TR-WM03-D-IN** |
| Junction Box for Plastic Turret Camera(Support wiring from behind) | Wall Mounting Assembling Bracket For 32 Fix-dome&Mini Fix-dome&Plastic Turret Camera | Wall Mounting Bracket for 32 Fix-dome&Mini Fix-dome&Plastic Turret Camera |

| | | |
|---|---|---|
| **TR-WM07P-B** | **TR-A01-IN** | **TR-UP06-IN** |
| Dome Wall Mounting Plastic Bracket | NPT 3/4'' Waterproof Cable Gland | Universal Pole Mounting Bracket |

| | | |
|---|---|---|
| **TR-UC08-C** | **TR-SE24-A-IN** | **TR-CM24-IN** |
| Bullet&Dome Corner Mounting Bracket | Dome Pendent Mounting Pole 500mm | Dome Pendent Mounting Bracket(Indoor) |

| | | |
|---|---|---|
| **TR-SE24-IN** | **PWR-DC1201A-UK** | **PWR-DC1201B-UK** |
| Dome Pendent Mounting Pole 200mm | DC12V/1A Wall Plug British Standard Power Adapter | UNV DC12V/1A Wall Plug British Standard Power Adapter(Colorful Bag) |

| | | |
|---|---|---|
| **PWR-DC1201A-US** | **PWR-DC1201B-US** | **PWR-DC1201A-EU** |
| DC12V/1A Wall Plug American Standard Power Adapter | UNV DC12V/1A Wall Plug American Standard Power Adapter(Colorful Bag) | DC12V/1A Wall Plug European Standard Power Adapter |
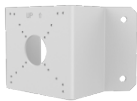
PWR-DC1201B-EU

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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