

# 2MP HD IR Fixed Dome Analog Camera

UAC-D112-F28(40)



## Overview

UAC-D112-F28(40) is a 2MP HD IR fixed dome analog camera with a high-performance 1/3-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, anti-interference, and low delay mega-pixel video transmission. The camera supports IR cut filter and provides color images at daytime and black/white images at night.

## Features

- High quality imaging with 2MP resolution
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- 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
- 3-Axis

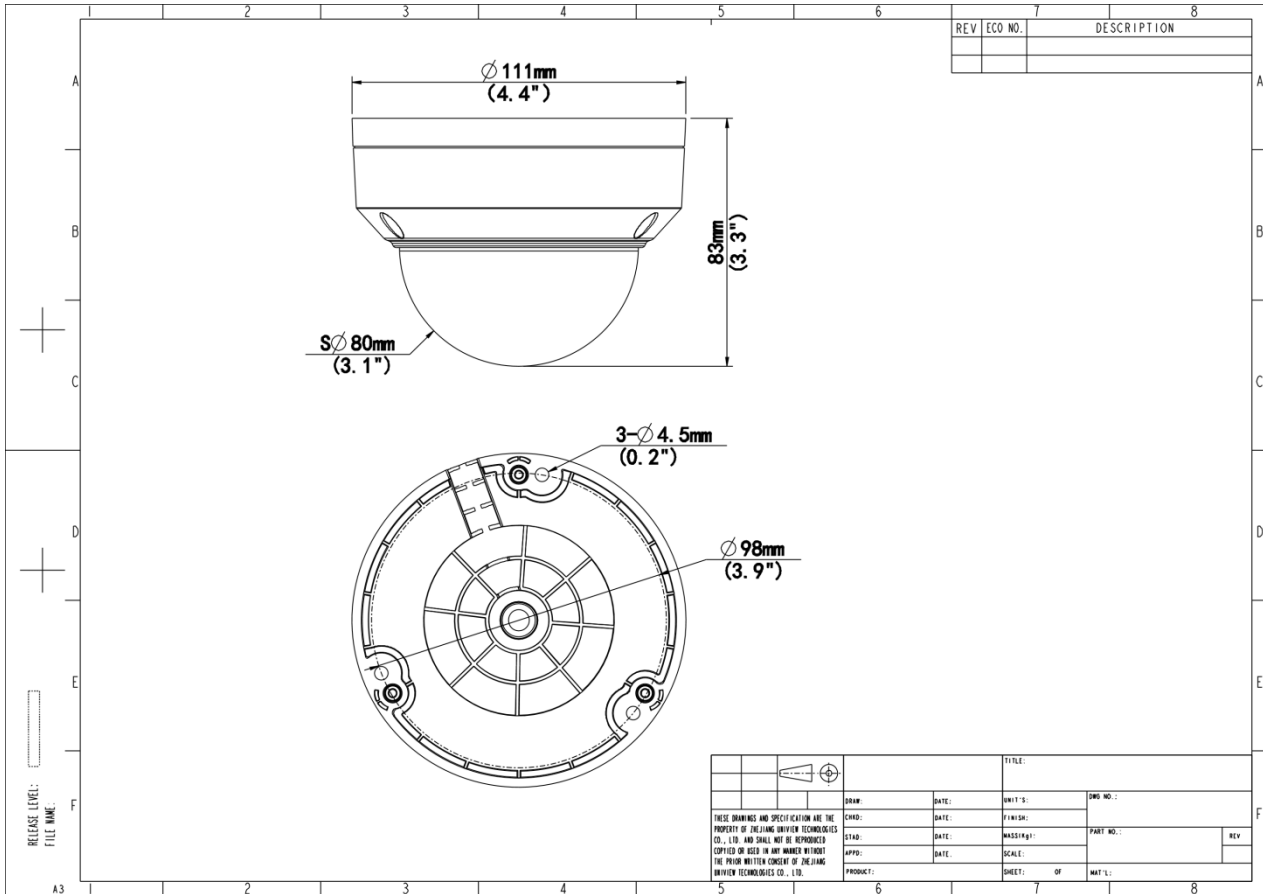
## Specifications

| Model                   | UAC-D112-F28   | UAC-D112-F40 |
|-------------------------|--|--------------|
| <b>Sensor</b>           |  |              |
| Pixel                   | 2 MP   |              |
| Sensor Size             | 1/3.0" CMOS  |              |
| Min. Illumination       | 0.02 lux (F2.0, AGC ON)<br>0 lux (IR on)   |              |
| <b>Lens</b>             |  |              |
| 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°        |
| <b>Illuminator</b>      |  |              |
| Illuminator Number      | One IR illuminator   |              |
| Illumination Distance   | 20m  |              |
| Lifetime                | ≥ 60000 hours  |              |
| <b>Video</b>            |  |              |
| 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   |              |
| <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                   |
| Digital Defog                | N/A   |
| <b>Audio</b>                 |   |
| Built-in Mic                 | N/A   |
| Camera Audio                 | N/A   |
| <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             | 4kV for power, 4kV for video output interfaces                    |
| Ingress Protection           | IP67  |
| <b>General</b>               |   |
| Power                        | DC 12 V ± 25%   |
| Power Consumption            | MAX 2.2W  |
| Mount                        | Wall Mount, Pole Mount, Corner Mount, Tilted Mount, Pendant Mount |
| Dimensions                   | Φ111mm*83mm (diameter*height)                                     |
| Material                     | Plastic   |
| Weight                       | 233g(0.51lb)  |

## Dimensions

Aggregate product size diagram using "main model" as an example



**Zhejiang Uniview Technologies Co., Ltd.**

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China

Email: [overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)

<http://www.uniview.com>

©2023-2025 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

\*Product specifications and availability are subject to change without notice.

\*Despite our best efforts, technical or typographical errors may exist in this document. Uniview cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.