# 5MP LightHunter HD IR Fixed Dome Analog Camera

## UAC-D125-AF28(40)M



## Overview

UAC-D125-AF28(40)M is a 5MP LightHunter HD IR fixed 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. 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
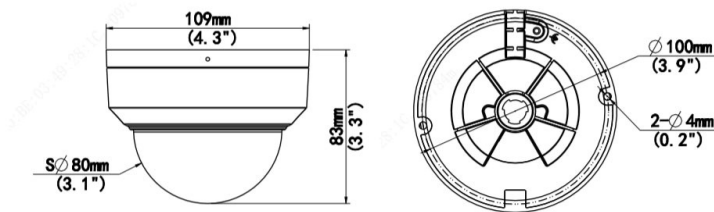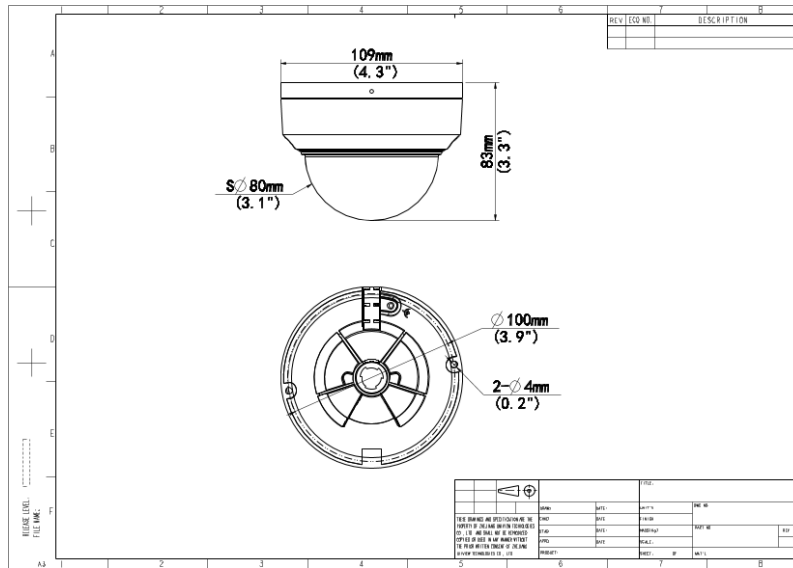
- Metal base and metal housing

- 3-Axis

## Specifications

| Sensor | Description |
|--------|-------------|
| Pixel | 5MP |
| Sensor Size | 1/2.7" CMOS |
| Min. Illumination | 0.005 lux (F1.6, AGC ON)<br>0 lux (IR on) |
| **Lens** | **Description** |
| Focus | UAC-D125-AF28M:2.8 mm<br>UAC-D125-AF40M:4.0 mm |
| Lens Mount | M12 |
| Angle of View (H) | UAC-D125-AF28M:109.1°<br>UAC-D125-AF40M:91.3° |
| Angle of View (V) | UAC-D125-AF28M:60.9°<br>UAC-D125-AF40M:46.1° |
| Angle of View (D) | UAC-D125-AF28M:126.7°<br>UAC-D125-AF40M:109.6° |
| **Illuminator** | **Description** |
| Illuminator Number | One IR illuminator |
| Illumination Distance | 30m |
| Lifetime | ≥60000 hours |
| **Video** | **Description** |
| 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@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps<br>AHD: 5MP@20fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps<br>CVI: 5MP@25fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps<br>CVBS: PAL, NTSC |
| Shutter Time | PAL: 1/25s-1/50000s，<br>NTSC: 1/30s-1/50000s |

| Image | Description |
|---|---|
| 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 |
| **Audio** | **Description** |
| Built-in Mic | Support |
| Camera Audio | TVI: 5MP@20fps, 5MP@12.5fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps<br>CVI: 5MP@25fps, 4MP@25fps, 4MP@30fps |
| **Interface** | **Description** |
| Power Interface | 5.5 mm Power Interface |
| Video Output | BNC, supports TVI/AHD/CVI/CVBS |
| **Operating Environment** | **Description** |
| 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 |
| IK Rating | IK10 |
| **General** | **Description** |
| Power | DC12V±25% |
| Power Consumption | MAX 3.3W |
| Mount | Wall Mount;   Pole Mount;   Corner Mount;   Tilted Mount;   Pendant Mount |
| Dimensions | Φ109mm*83mm (diameter*height) |
| Material | Metal |
| Weight | 372g(0.82lb) |

# Dimensions





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