

# 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

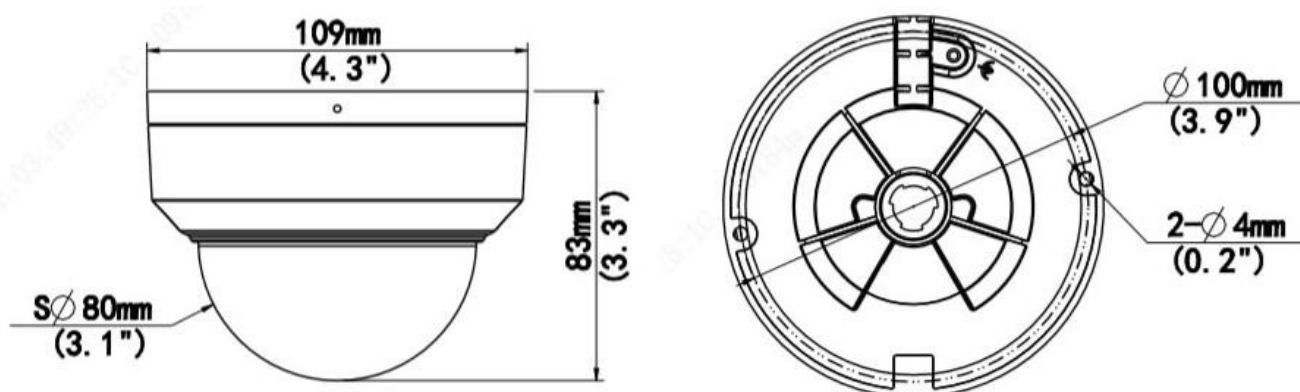
- High quality imaging with 5MP resolution
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- LightHunter monitoring with high-sensitivity sensor
- Supports 180° horizontal/vertical flip
- OSD configuration menu, easy to operate
- Water and dust resistant (IP67) and vandal-resistant (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

| Model                 | UAC-D125-AF28M                                                                                                                                                                                                                               |  | UAC-D125-AF40M              |  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------|--|
| Sensor                |                                                                                                                                                                                                                                              |  |                             |  |
| Pixel                 | 5MP                                                                                                                                                                                                                                          |  |                             |  |
| Size                  | 1/2.7"                                                                                                                                                                                                                                       |  |                             |  |
| Minimum illumination  | 0.005 lux (F1.6, AGC ON)<br>0 lux (IR on)                                                                                                                                                                                                    |  |                             |  |
| Lens                  |                                                                                                                                                                                                                                              |  |                             |  |
| Lens                  | 2.8mm                                                                                                                                                                                                                                        |  | 4.0mm                       |  |
| Lens mount            | M12                                                                                                                                                                                                                                          |  |                             |  |
| Angle of view         | H: 109.1° V: 60.9° D: 126.7°                                                                                                                                                                                                                 |  | H: 91.3° V: 46.1° D: 109.6° |  |
| Illuminator           |                                                                                                                                                                                                                                              |  |                             |  |
| Illuminator           | One IR illuminator                                                                                                                                                                                                                           |  |                             |  |
| Illumination distance | 30m                                                                                                                                                                                                                                          |  |                             |  |
| Lifetime              | ≥60,000 hours                                                                                                                                                                                                                                |  |                             |  |
| Video                 |                                                                                                                                                                                                                                              |  |                             |  |
| 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                                                                                                                                                                                                  |  |                             |  |
| Image                 |                                                                                                                                                                                                                                              |  |                             |  |
| Exposure mode         | Four modes: Global (default), BLC, HLC, DWDR                                                                                                                                                                                                 |  |                             |  |
| Day/Night             | Three modes: Auto (default), Day, Night                                                                                                                                                                                                      |  |                             |  |
| Noise reduction       | 2D                                                                                                                                                                                                                                           |  |                             |  |
| White balance         | Two modes: Auto (default), Manual                                                                                                                                                                                                            |  |                             |  |
| WDR                   | DWDR                                                                                                                                                                                                                                         |  |                             |  |
| Smart IR              | Support                                                                                                                                                                                                                                      |  |                             |  |
| Flip                  | Supports 180° horizontal flip, 180° vertical flip                                                                                                                                                                                            |  |                             |  |
| Audio                 |                                                                                                                                                                                                                                              |  |                             |  |
| Microphone            | Built-in Mic                                                                                                                                                                                                                                 |  |                             |  |
| Camera audio          | TVI: 5MP@20fps, 5MP@12.5fps, 4MP@30fps, 4MP@25fps, 1080P@30fps, 1080P@25fps<br>CVI: 5MP@25fps, 4MP@30fps, 4MP@25fps                                                                                                                          |  |                             |  |
| Interface             |                                                                                                                                                                                                                                              |  |                             |  |
| Power                 | 5.5mm power interface                                                                                                                                                                                                                        |  |                             |  |
| Video output          | BNC, supports TVI/AHD/CVI/CVBS                                                                                                                                                                                                               |  |                             |  |
| Operating environment |                                                                                                                                                                                                                                              |  |                             |  |
| Temperature           | -30°C to 60°C (-22°F to 140°F)                                                                                                                                                                                                               |  |                             |  |
| Humidity              | ≤95% (RH, non-condensing)                                                                                                                                                                                                                    |  |                             |  |
| Surge protection      | 4kV for power and video output interfaces                                                                                                                                                                                                    |  |                             |  |

|                    |                                                           |
|--------------------|-----------------------------------------------------------|
| Ingress protection | IP67                                                      |
| IK rating          | IK10                                                      |
| General            |                                                           |
| Power              | DC 12V(±25%), with reverse polarity protection, Max 3.3W  |
| Mount              | Surface mount (default), optional tilted mounting bracket |
| Dimensions         | Φ109mm*83mm (diameter*height)                             |
| Material           | Metal                                                     |
| Weight             | 372g (0.82lb)                                             |
| Certification      | CB, CE, FCC, UL                                           |

## Dimensions



UAC-D125-AF28(40)M

## Accessories

TR-JB03-G-IN  
Junction Box



TR-JB07/WM03-G-IN  
Wall Mount



TR-WM03-D-IN  
Wall Mount



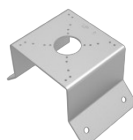
TR-UP06-IN  
Pole Mount



TR-A01-IN  
Waterproof Joint



TR-UC08-C  
Corner Mount



TR-UM06-E-IN  
Tilted Mounting



TR-SE24-IN  
Pendant Mount



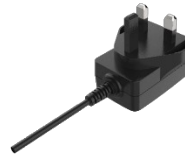
TR-SE24-A-IN  
Pendant Mount



TR-CM24-IN  
Pendant Mount



PWR-DC1201A-UK  
Wall Plug-in UK Power  
Adapter



PWR-DC1201A-US  
Wall Plug-in US Power  
Adapter



PWR-DC1201A-EU  
Wall Plug-in EU Power  
Adapter



| Mount                                      |                         |
|--------------------------------------------|-------------------------|
| TR-JB07/WM03-G-IN                          | TR-JB03-G-IN            |
|                                            |                         |
| TR-JB07/WM03-G-IN(TR-WM03-D-IN)+TR-UP06-IN | TR-UM06-E-IN            |
|                                            |                         |
| TR-JB07/WM03-G-IN(TR-WM03-D-IN)+TR-UC08-C  | TR-CM24-IN+TR-JB03-G-IN |
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**Markham Head Office:** 1-866-946-8998  
 7755 Warden Ave, Unit 1, Markham ON L3R 0N3, CA
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**Mississauga Branch:** 1-855-999-6998  
 1200 Aerowood Dr, Unit 5, Mississauga ON L4W 2S7, CA