

4MP LightHunter HD IR Fixed Mini Bullet Analog Camera

UAC-B124-AF28(40)LM



Overview

UAC-B124-AF28(40)LM is a 4MP LightHunter HD IR fixed mini bullet 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, 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 4MP resolution
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- LightHunter monitoring with high-sensitivity sensor
- 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-B124-AF28LM | UAC-B124-AF40LM |
|-------|-----------------|-----------------|
|-------|-----------------|-----------------|

Camera

| | |
|-------------------|---|
| Max Resolution | 4 MP |
| Sensor Size | 1/3.0" CMOS |
| Min. Illumination | 0.005 lux (F1.6, AGC ON) 0 lux (IR on) |

Lens

| | | |
|-------------------|--------|--------|
| Focus | 2.8 mm | 4.0 mm |
| Lens Mount | M12 | |
| Angle of View (H) | 97.7° | 81.1° |
| Angle of View (V) | 54.9° | 41.0° |
| Angle of View (D) | 111.9° | 94.4° |

Illuminator

| | |
|-----------------------|---------------------|
| Illuminator Number | Two IR illuminators |
| Illumination Distance | 40m |
| Lifetime | ≥ 60000 hours |

Video

| | |
|--------------|--|
| Resolution | 4MP: 2560 (H) × 1440 (V) 1080P: 1920 (H) × 1080 (V) |
| Frame Rate | TVI: 4MP@25fps (default), 4MP@30fps, 1080P@25fps, 1080P@30fps AHD: 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps CVI: 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps CVBS: PAL, NTSC |
| Shutter Time | PAL: 1/25s-1/50000s, 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 |
| 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: 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps CVI: 4MP@25fps, 4MP@30fps |

Interface

| | |
|-----------------|--------------------------------|
| Power Interface | 5.5 mm Power Interface |
| Video Output | BNC, supports TVI/AHD/CVI/CVBS |

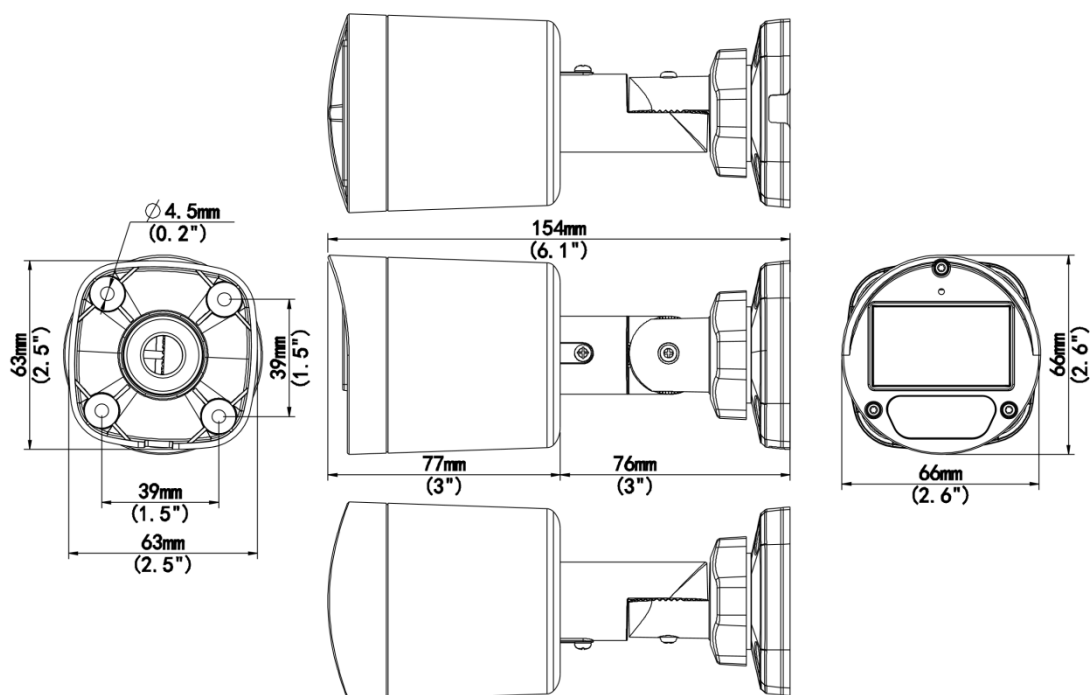
Operating Environment

| | |
|--------------------|--|
| Temperature | -30°C to 60°C (-22°F to 140°F) |
| Humidity | ≤ 95% RH (non-condensing) |
| Surge Protection | 4 KV for power, 4 KV for video output interfaces |
| Ingress Protection | IP67 |

General

| | |
|-------------------|----------------------------|
| Power | DC 12 V ± 25% |
| Power Consumption | MAX 3.5W |
| Mount | Corner Mount, Pole Mount |
| Dimensions | 154mm*66mm*66mm (L*W*H) |
| Material | Graphene + Metal + Plastic |
| Weight | 240g(0.53lb) |

Dimensions



Accessories

TR-JB05-A-IN

Small Bullet Junction Box(Support wiring from behind,Square)



TR-UP06-B-IN

Bullet Pole Mounting Bracket



TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junction Box Only



TR-A01-IN

NPT 3/4" Waterproof Cable Gland



TR-UC08-C

Bullet&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



Zhejiang Uniview Technologies Co., Ltd.

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

Email: overseasbusiness@uniview.com; 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.