

## 2MP Fixed IR Bullet Analog Camera UAC-B112-F28(40)



## Overview

UAC-B112-F28(40) is a 2MP HD Fixed IR 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, 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

- 2MP high quality image
- TVI/AHD/CVI/CVBS
- 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

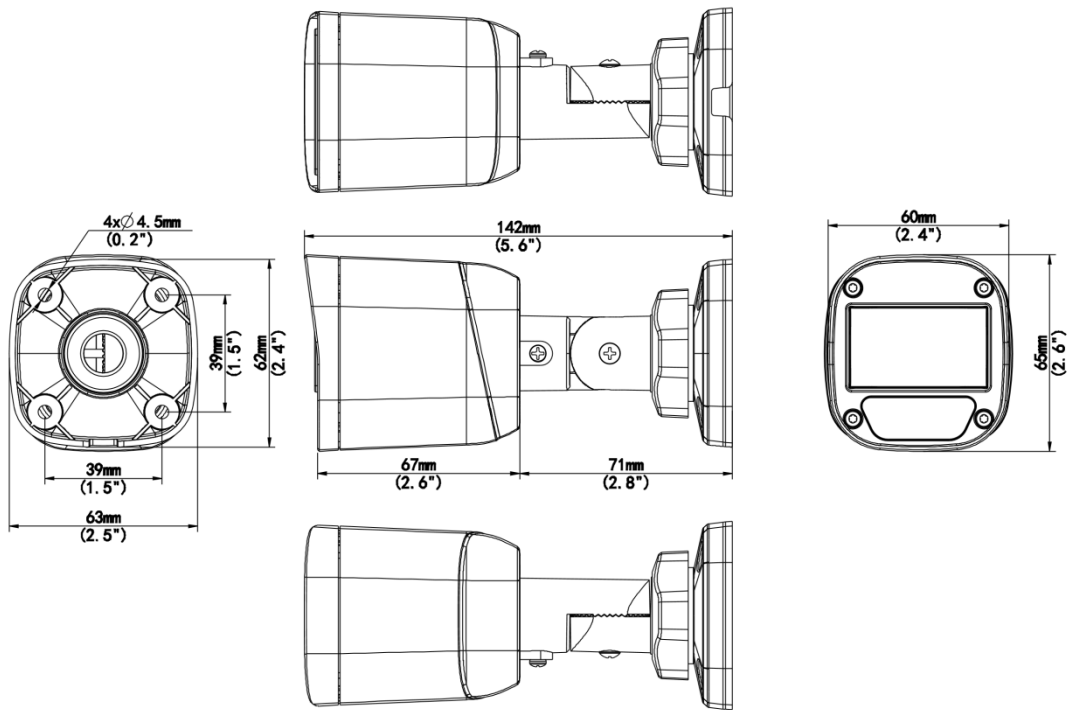
## Specifications

| Model             | UAC-B112-F28            | UAC-B112-F40 |
|-------------------|-------------------------|--------------|
| Camera            |                         |              |
| Max Resolution    | 2 MP                    |              |
| Sensor Size       | 1/3.0" CMOS             |              |
| Min. Illumination | 0.02 lux (F2.0, AGC ON) |              |
|                   | 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/AHD/CVI: 1080P@25fps(default), 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                                                                                                                                       |        |
| White Balance           | Two modes: Auto (default), Manual                                                                                                        |        |
| WDR                     | DWDR                                                                                                                                     |        |
| Smart IR                | Support                                                                                                                                  |        |
| Flip                    | Supports 180°horizontal flip, 180°vertical flip                                                                                          |        |
| 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                                                                                         |        |
| General                 |                                                                                                                                          |        |
| Power                   | DC 12 V ± 25%                                                                                                                            |        |
| Power Consumption       | MAX 2.88W                                                                                                                                |        |
| Mount                   | Corner Mount, Pole Mount                                                                                                                 |        |
| Dimensions              | 142mm*63mm*65mm (L*W*H)                                                                                                                  |        |
| Material                | Plastic                                                                                                                                  |        |
| Weight                  | 135g(0.30lb)                                                                                                                             |        |
| 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-JB05-A-IN

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



TR-A01-IN

NPT 3/4" Waterproof Cable Gland



TR-UP06-B-IN

Bullet Pole Mounting Bracket



PWR-DC1201A-UK

DC12V/1A Wall Plug British Standard Power Adapter



TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junction Box Only



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.**



<http://www.uniview.com>



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



No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China  
(Zhejiang) Pilot Free Trade Zone, China



©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.