

2MP Fixed IR Bullet Analog Camera

UAC-B112-AF28(40)



Overview

UAC-B112-AF28(40) is a 2MP fixed IR bullet analog camera with a high-performance 1/3-inch CMOS sensor and 3D noise reduction technology. 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

- 2MP high quality image
- TVI/AHD/CVI/CVBS
 - Supports IR-cut filter with auto-switch (ICR)
- 3D noise reduction technology delivers clean and sharp images
- 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-B112-AF28	UAC-B112-AF40
Sensor		
Pixel	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) 720P: 1280(H) ×720(V)	
Frame Rate	TVI: 1080P@25fps (default), 1080P@30fps; 720P@25fps, 720P@30fps AHD: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVBS: PAL, NTSC	
Shutter Time	PAL: 1/25 s-1/50000 s, NTSC: 1/30 s-1/50000 s	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/3D	
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: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@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	4kV for power&4kV for video output interfaces

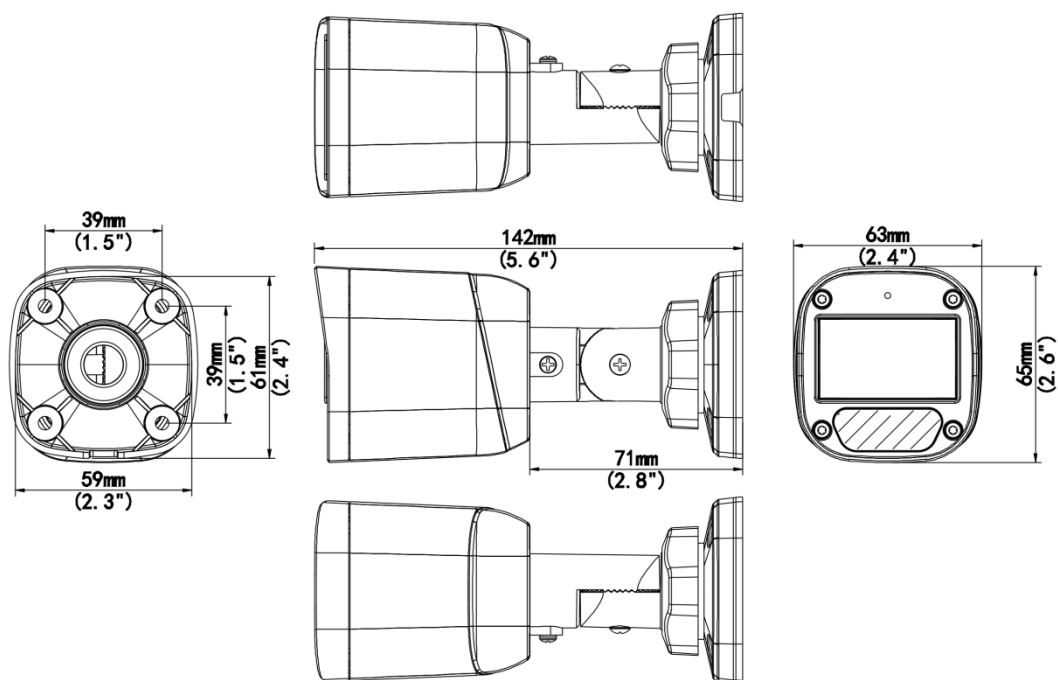
General

Power	DC 12 V ± 25%	
Power Consumption	MAX 2.2W	
Mount	Corner Mount Pole 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-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-DC1201A-US

DC12V/1A Wall Plug American Standard Power Adapter



PWR-DC1201B-UK

UNV DC12V/1A Wall Plug British Standard Power Adapter(Colorful Bag)



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 (Zhejiang) Pilot Free Trade Zone, 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.