

2MP ColorHunter With Smart Dual Light Bullet Analog Camera UAC-B142-AF28(40)LM-DL



Overview

UAC-B142-AF28(40)LM-DL is a 2MP ColorHunter with smart dual light 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. The camera also supports audio input and synchronous transmission of audio and video. With UNV XVR, our ColorHunter cameras equipped with Smart Dual Light can intelligently switch between IR and white light when detecting a target or not, offering flexible lighting options and enhancing security.

Features

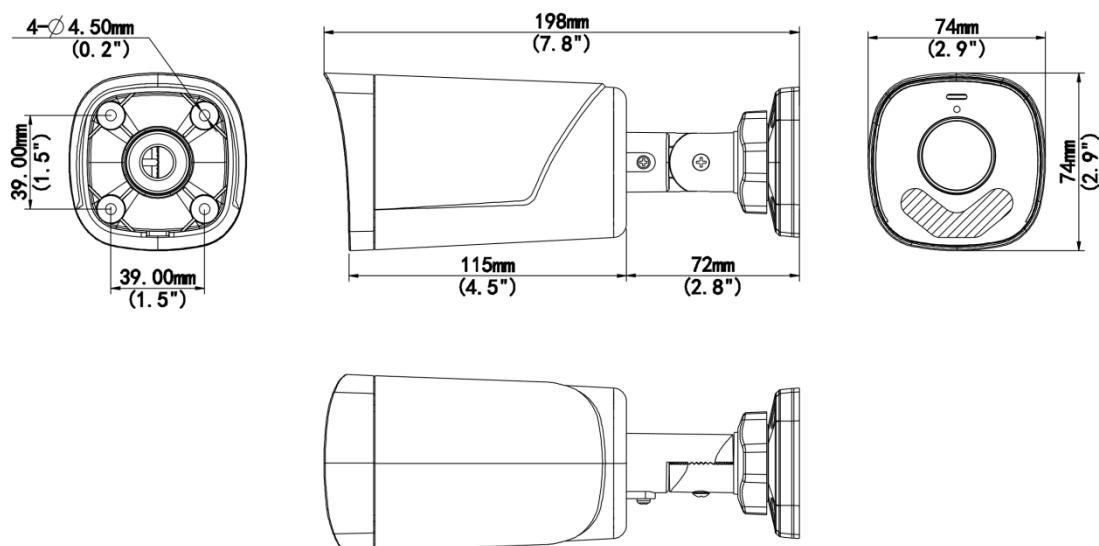
- High quality imaging with 2MP resolution
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- Smart Dual Light (only TVI)
- 3D noise reduction technology delivers clean and sharp images
- Supports 180° horizontal flip, 180° vertical flip
- OSD configuration menu, easy to operate
- IP67 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-B142-AF28LM-DL		UAC-B142-AF40LM-DL
Camera			
Max Resolution	2 MP		
Sensor Size	1/3.0" CMOS		
Min. Illumination	0.003 lux (F1.6, AGC ON) 0 lux (Illuminator ON)		
Lens			
Focus	2.8 mm	4.0 mm	
Lens Mount	M12		
Angle of View (H)	100.9°	82.5°	
Angle of View (V)	56.5°	42.1°	
Angle of View (D)	121.8°	98.6°	
Illuminator			
Illuminator Number	Two IR illuminators; Two white-light illuminators		
Illumination Distance	IR: 40m (131.23 ft) White light: 40m (131.23ft)		
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: 1/25s-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		
Light Mode	Dual light (default) , Infrared, White light		
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	4kV for power&4kV for video output interfaces	
General		
Power	DC 12 V ± 25%	
Power Consumption	MAX 3.6W	
Mount	Corner Mount Pendant Mount	Corner Mount&Pole Mount
Dimensions	198mm*74mm*74mm (L*W*H)	
Material	Metal + Plastic	
Weight	227g(0.50lb)	
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-A01-IN NPT 3/4" Waterproof Cable Gland
		
TR-UP06-C-IN-V2 Pole Mounting Bracket for Bullet Junction Box Only	TR-UC08-C-V2 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
		

Unlimited New View

Zhejiang Uniview Technologies Co., Ltd.



<http://www.uniview.com>



overseasbusiness@uniview.com; globalsupport@uniview.com



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



©2024-2026 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.