

2MP LightHunter HD IR Fixed Mini Bullet Analog Camera

UAC-B122-AF28(40)LM



Overview

UAC-B122-AF28(40)LM is a 2MP LightHunter HD IR fixed mini bullet analog camera with a high-performance 1/2.9-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

- High quality imaging with 2MP resolution
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- LightHunter monitoring with high-sensitivity sensor
- 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

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- Built-in microphone for high quality audio transmission via coaxial cables
- Supports digital defog

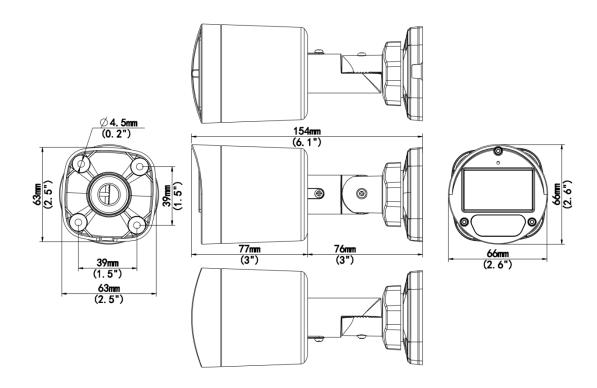
Specifications

Sensor Sensor Size 1/2.9" CMOS	Model	UAC-B122-AF28LM	UAC-B122-AF40LM		
Sensor Size 1/2.9" CMOS 1/2.9" CMOS 0.005 Lux (F1.6, AGC ON) 0.10x (R o	Sensor				
Min. Illumination Disk (F1.6, AGC ON) Disk (IR on)	Pixel	2 MP			
Description	Sensor Size	1/2.9" CMOS			
Disk (IR on)	Min. Illumination	0.005 lux (F1.6, AGC ON)			
Focus 2.8 mm		0 lux (IR on)			
Lens Mount M12 Angle of View (H) 101.5° 83.8° Angle of View (V) 56.9° 42.7° Angle of View (D) 117.4° 100.1° Illuminator Illumination Winder 40m Lifetime ≥ 60000 hours 1080P: 1920(H)×1080(V) Video 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 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 Smart IR Support Flip Supports 180°horizontal flip, 180°vertical flip Digital Defog Support	Lens				
Angle of View (H) 101.5° 83.8° Angle of View (V) 56.9° 42.7° Angle of View (D) 117.4° 100.1° Illuminator Illuminator Number Two IR illuminators Video Resolution 1080P: 1920(H)×1080(V) 720P: 1280(H) ×720(V) 720P: 1280(H) ×720(V) TVI: 1080P@25fps, 1080P@30fps, 720P@25fps, 720P@30fps AHD: 1080P@25fps, 1080P@30fps, 720P@30fps CVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps,	Focus	2.8 mm	4.0 mm		
Angle of View (V) 56.9° 42.7° Angle of View (D) 117.4° 100.1° Illuminator Illuminator Number Two IR illuminators Illumination Distance 40m Resolution 1080P: 1920(H)×1080(V) 720P: 1280(H)×720(V) 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 CVI: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVI: 5080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVI: 5080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVI: 5080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVI: 5080P@25fps, 1080P@30fps; 720P@30fps CVI: 5080P@30fps CVI: 5080P@30fps Tourier	Lens Mount	M12			
Angle of View (D) 117.4* 100.1* Illuminator Number Two IR illuminators Number 40m Distance 40m Resolution 1080P: 1920(H)×1080(V) 720P: 1280(H)×720(V) Tiv: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps AHD: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@25fps, 720P@30fps CVI: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@25fps, 720P@30fps CVI: 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@30fps CVI: 1080P@25fps, 720P@30fps CVI: 1080P@30fps CVI: 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@30fps CVI: 1080P@25fps, 720P@30fps CVI: 1080P@30fps CVI: 1080P@30fps CVI: 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@30fps CVI: 1080P@30fps CVI: 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@30fps CVI: 1080P@30fps CVI: 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@30fps CVI: 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@30fps; 720P@25fps, 720P@	Angle of View (H)	101.5°	83.8°		
Illuminator Number	Angle of View (V)	56.9°	42.7°		
Illuminator Two IR illuminators Illumination 40m Distance ≥ 60000 hours Video 1080P: 1920(H)×1080(V) Resolution 1080P: 1920(H) ×720(V) 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 CVI: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVBS: PAL, NTSC 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 Support	Angle of View (D)	117.4°	100.1°		
Number Two IR illuminators Illumination 40m Distance ± 60000 hours Video Resolution 1080P: 1920(H)×1080(V) 720P: 1280(H) ×720(V) Tvi: 1080P@25fps (default), 1080P@30fps; 720P@25fps, 720P@30fps AHD: 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 Smart IR Support Flip Supports 180°horizontal flip, 180°vertical flip Digital Defog Support	Illuminator				
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Resolution 720P: 1280(H) ×720(V) 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,	Video				
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Frame Rate AHD: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVBS: PAL, NTSC PAL: 1/25s-1/50000s,	Resolution	720P: 1280(H) ×720(V)			
Frame Rate CVI: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVBS: PAL, NTSC 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 White Balance Two modes: Auto (default), Manual WDR DWDR Smart IR Support Flip Supports 180°horizontal flip, 180°vertical flip Digital Defog Support		TVI: 1080P@25fps (default), 1080P@30fps; 720P@25fps, 720P@30fps			
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Image Exposure Mode Four modes: Global (default), BLC, HLC, DWDR Day/Night Three modes: Auto (default), Day, Night Digital Noise Reduction White Balance Two modes: Auto (default), Manual WDR DWDR Smart IR Support Flip Supports 180°horizontal flip, 180°vertical flip Digital Defog Support	Shutter Time	PAL: 1/25s-1/50000s,			
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Digital Noise Reduction White Balance Two modes: Auto (default), Manual WDR DWDR Smart IR Support Flip Supports 180°horizontal flip, 180°vertical flip Digital Defog Support	Exposure Mode	Four modes: Global (default), BLC, HLC, DWDR			
Reduction White Balance Two modes: Auto (default), Manual WDR DWDR Smart IR Support Flip Supports 180°horizontal flip, 180°vertical flip Digital Defog Support	Day/Night	Three modes: Auto (default), Day, Night			
Reduction White Balance Two modes: Auto (default), Manual WDR DWDR Smart IR Support Flip Supports 180°horizontal flip, 180°vertical flip Digital Defog Support	Digital Noise	20/20			
WDR DWDR Smart IR Support Flip Supports 180°horizontal flip, 180°vertical flip Digital Defog Support	Reduction	20/30			
Smart IR Support Flip Supports 180°horizontal flip, 180°vertical flip Digital Defog Support	White Balance	Two modes: Auto (default), Manual			
Flip Supports 180°horizontal flip, 180°vertical flip Digital Defog Support	WDR	DWDR			
Digital Defog Support	Smart IR	Support			
	Flip	Supports 180°horizontal flip, 180°vertical flip			
Audio	Digital Defog	Support			
	Audio				

unv		DATASHEET		
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			
Ingress Protection	IP67			
General				
Power	DC 12 V ± 25%			
Power	MAY 2 OM			
Consumption	MAX 3.2W			
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 fr om behind, Square)



TR-A01-IN

NPT 3/4'' Waterproof Cable Gland



TR-UP06-B-IN
Bullet Pole Mounting Bracket



Bullet&Dome Corner Mounting Bracket

TR-UC08-C



TR-UP06-C-IN
Pole Mounting Bracket for Bullet Junction
Box Only



PWR-DC1201A-UK DC12V/1A Wall Plug British Standard Power Adapter







PWR-DC1201B-UK

ower Adapter(Colorful Bag)

UNV DC12V/1A Wall Plug British Standard P

PWR-DC1201A-US

DC12V/1A Wall Plug American Standard Po wer Adapter PWR-DC1201B-US

UNV DC12V/1A Wall Plug American Standar d Power Adapter(Colorful Bag)



PWR-DC1201A-EU

DC12V/1A Wall Plug European Standard Po wer Adapter



PWR-DC1201B-EU

UNV DC12V/1A Wall Plug European Standar d Power Adapter(Colorful Bag)



PWR-DC1201A-IND

UNV DC12V/1A Wall Plug Indian Standard P ower Adapter-Colorful Bag







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