

2MP ColorHunter HD Fixed Turret Analog Camera

UAC-T122-AF28(40)M-W





Introduction

UAC-T122-AF28(40)M-W is a 2MP ColorHunter HD fixed turret analog camera with a high-performance 1/2.9-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 audio input, synchronous transmission of audio and video, and provides 24/7 color images.

Features

- 2MP high quality imaging
- TVI/AHD/CVI/CVBS
- Supports white light illumination, 24/7 color 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
- Supports digital defog
- Metal front face and housing
- 3-Axis

1



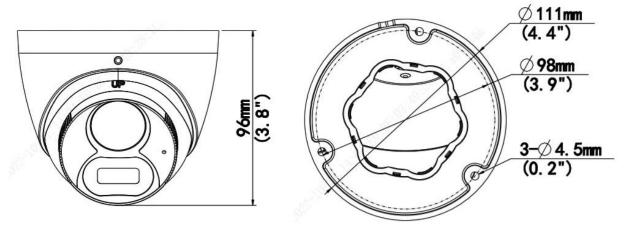
Specifications

Sensor Pixel 2MP Size 1/2.9° Minimum illumination 0.005/ux (F1.6, AGC ON) 0 lux (white light on) Lens Lens 2.8mm 4.0mm Lens mount M12 Angle of view H: 101.5° V: 56.9° D: 117.4° H: 83.8° V: 42.7° D: 100.1° Illuminator Two white-light illuminators Illuminator Two white-light illuminators Illuminator 40m Lifetime 260000 hours Video 20mo hours Video Resolution 1080P: 1920(H)×1080(V) 720P: 1280(H) x720(V) Resolution 1080P: 1920(H)×1080(V) 720P: 1280(H) x720(V) Frame rate TV/AHD/CVI- 10800P@25fps (default), 1080P@30fps; 720P@25fps, 720P@30fps CVBs: PAL, NTSC Shutter time PAL: 1/25s-1/50000s Inage Frame rate Exposure mode Four modes: Global (default), BLC, HLC, DWDR Day/Night 24/7 color images Digital notice reduction 24/7 color images Digital Defog Duights 18m like Audio	Model	UAC-T122-AF28M-W	UAC-T122-AF40M-W
Size 1/2.9" 0.005 lax (F1.6, AGC ON) 0 lax (white light on) 0.005 lax (F1.6, AGC ON) 0 lax (white light on) 0.005 lax (F1.6, AGC ON) 0 lax (white light on) 0.005 lax (F1.6, AGC ON) 0 lax (white light on) 0.005 lax (F1.6, AGC ON) 0 lax (white light on) 0.005 lax (F1.6, AGC ON) 0 lax (white light light on) 0.005 lax (F1.6, AGC ON) 0.005 lax	Sensor		
No No No No No No No No	Pixel	2MP	
Lens	Size	1/2.9"	
Lens 2.8mm 4.0mm Lens mount M12 Angle of view H:101.5° V:56.9° D:117.4° H:83.8° V:42.7° D:100.1° Illuminator Two white-light illuminators Illumination distance 40m Lifetime 260,000 hours Video Video TV/AHD/CVI: 1080P@25fps (default), 1080P@30fps; 720P@25fps, 720P@30fps Sputter time PAL: 1725s-1750000s Nutter time PAL: 1725s-1750000s Transpare Type Type Type Type Type Type Type Typ	Minimum illumination		
Lens mount M12 Angle of view H: 101.5° V: 56.9° D: 117.4° H: 83.8° V: 42.7° D: 100.1° Illuminator Illuminator Illuminator Illuminator Illuminator distance 40m Lifetime ≥ 60.000 hours Video Video Toward (H) × 720(V) Toward (H) × 720(V) Toward (H) × 720(V) Toward (H) × 720(V) Toward (V) × 720(V)	Lens		
Angle of view H: 101.5" V: 56.9" D: 117.4" H: 83.8" V: 42.7" D: 100.1" Illuminator Illuminator Two white-light illuminators Illumination distance 40m	Lens	2.8mm	4.0mm
Illuminator	Lens mount	M12	
Illuminator Two white-light illuminators Illumination distance 40m 260,000 hours 2	Angle of view	H: 101.5° V: 56.9° D: 117.4°	H: 83.8° V: 42.7° D: 100.1°
Illumination distance	Illuminator		
Lifetime ≥60,000 hours Video Resolution 1080P: 1920(H)×1080(V) 720P: 1280(H) ×720(V) Frame rate TVI/AHD/CVI: 1080P@25fps (default), 1080P@30fps; 720P@25fps, 720P@30fps CVB: 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 24/7 color images Digital noise reduction 2D/3D White balance Two modes: Auto (default), Manual WDR DWDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio TVI: 1080P@25fps, 1080P@30fps CvI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps CvI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Urdeo output BNC, supports TVI/AHD/CVI/CVBS Operating environment -30°C to 60°C (-22°F to 140°F) Humidity ≤95% (RH, non-condensing) Surge protection 4kV Ingress protection IP67	Illuminator	Two white-light illuminators	
Video Resolution 1080P: 1920(H)×1080(V) 720P: 1280(H)×720(V) Frame rate TVI/AHD/CVI: 1080P@25fps (default), 1080P@30fps; 720P@25fps, 720P@30fps CVBS: PAL, NTSC Shutter time PAL: 1/25s-1/50000s NTSC: 1/30s-1/50000s Pale: 1/25s-1/50000s NTSC: 1/30s-1/50000s Exposure mode Four modes: Global (default), BLC, HLC, DWDR Day/Night 24/7 color images Day/Night 24/7 color images White balance Two modes: Auto (default), Manual WDR DWDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Aution Witer aution Microphone Built-in Mic Camera audio TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Departing environment Temperature -30°C to 60°C (-22°F to 140°F) Humidity \$95% (RH, non-condensing) S	Illumination distance		
Resolution 1080P: 1920(H) × 1080(V) 720P: 1280(H) × 720(V) Frame rate TVI/AHD/CVI: 1080P@25fps (default), 1080P@30fps; 720P@25fps, 720P@30fps CVBS: PAL, NTSC 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 24/7 color images Digital noise reduction 2D/3D White balance Two modes: Auto (default), Manual WDR DWDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Interface Power 5.5mm 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 Ingress protection 1P67	Lifetime	≥60,000 hours	
Resolution 720P: 1280(H) ×720(V) Frame rate TVI/AHD/CVI: 1080P@25fps (default), 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 24/7 color images Digital noise reduction 2D/3D White balance Two modes: Auto (default), Manual WDR DWDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio Microphone Built-in Mic Camera audio TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Interface Power S.5mm power interface Video output BNC, supports TVI/AHD/CVI/CVBS Operating environment Fumperature -30°C to 60°C (-22°F to 140°F) Humidity ≤95% (RH, non-condensing) Surge protection IP67 General	Video		
Frame rate 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 24/7 color images Digital noise reduction 2D/3D White balance Two modes: Auto (default), Manual WDR DWDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio Microphone Built-in Mic Camera audio TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Interface Power 5.5mm 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 IP67 General	Resolution		
Image Exposure mode Four modes: Global (default), BLC, HLC, DWDR Day/Night 24/7 color images Digital noise reduction 2D/3D White balance Two modes: Auto (default), Manual WDR DWDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio Microphone Built-in Mic Camera audio TVI: 1080P@25fps, 1080P@30fps	Frame rate	TVI/AHD/CVI: 1080P@25fps (default), 1080P@30fps; 720P@25fps, 720P@30fps	
Exposure mode Four modes: Global (default), BLC, HLC, DWDR Day/Night 24/7 color images Digital noise reduction 2D/3D White balance Two modes: Auto (default), Manual WDR DWDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Interface Power 5.5mm 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 Ingress protection IP67 General	Shutter time		
Day/Night 24/7 color images Digital noise reduction 2D/3D White balance Two modes: Auto (default), Manual WDR DWDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio Microphone Built-in Mic Camera audio TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps 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 Ingress protection IP67 General	Image		
Digital noise reduction White balance Two modes: Auto (default), Manual WDR DWDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio Microphone Built-in Mic TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Interface Power 5.5mm 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 JRF6 General	Exposure mode	Four modes: Global (default), BLC, HLC, DWDR	
White balance Two modes: Auto (default), Manual WDR DWDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio Microphone Built-in Mic Camera audio TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Interface Power 5.5mm power interface Video output BNC, supports TVI/AHD/CVI/CVBS Operating environment Temperature -30°C to 60°C (-22°F to 140°F) Humidity S95% (RH, non-condensing) Surge protection Ingress protection IP67 General	Day/Night	24/7 color images	
WDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio Microphone Built-in Mic Camera audio TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Interface Power 5.5mm 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 Ingress protection IP67 General	Digital noise reduction		
Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio Microphone Built-in Mic Camera audio TVI: 1080P@25fps, 1080P@30fps	White balance	Two modes: Auto (default), Manual	
Defog Digital Defog Audio Microphone Built-in Mic Camera audio TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Interface Power 5.5mm 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 Ingress protection IP67 General	WDR	DWDR	
Audio Microphone Built-in Mic Camera audio TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Interface Power 5.5mm 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 Ingress protection IP67 General	Flip	Supports 180° horizontal flip, 180° vertical flip	
Microphone Built-in Mic Camera audio TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Interface Power 5.5mm 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 Ingress protection IP67 General	Defog	Digital Defog	
TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Interface Power 5.5mm 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 Ingress protection IP67 General	Audio		
CVI: 1080P@25fps, 1080P@30fps Interface Power 5.5mm 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 Ingress protection IP67 General	Microphone	Built-in Mic	
Power 5.5mm 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 Ingress protection IP67 General	Camera audio	·	
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 Ingress protection IP67 General	Interface		
Operating environment Temperature -30°C to 60°C (-22°F to 140°F) Humidity ≤95% (RH, non-condensing) Surge protection 4kV Ingress protection IP67 General General	Power	5.5mm power interface	
Operating environment Temperature -30°C to 60°C (-22°F to 140°F) Humidity ≤95% (RH, non-condensing) Surge protection 4kV Ingress protection IP67 General General	Video output		
Humidity ≤95% (RH, non-condensing) Surge protection 4kV Ingress protection IP67 General			
Surge protection 4kV Ingress protection IP67 General	Temperature	-30°C to 60°C (-22°F to 140°F)	
Ingress protection IP67 General	Humidity	≤95% (RH, non-condensing)	
General	Surge protection	4kV	
	Ingress protection	IP67	
Power DC 12V (±25%), with reverse polarity protection. Max 3.12W	General		
	Power	DC 12V (±25%), with reverse polarity protection. M	ax 3.12W



Mount	Surface mount (default), optional junction box and wall mount bracket	
Dimensions	Φ111mm*96mm (diameter*height)	
Material	Metal and plastic	
Weight	356g (0.79lb)	
Certification	CB, CE, FCC, UL	

Dimensions



UAC-T122-AF28(40)M-W

Accessories

TR-JB03-G-IN

Junction Box



TR-UP06-IN

Pole Mount



TR-JB07/WM03-G-IN

Wall Mount



TR-UC08-C

Corner Mount



TR-WM03-D-IN

Wall Mount



TR-SE24-A-IN

Pendant Mount



TR-A01-IN

Waterproof Joint



TR-CM24-IN

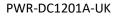
Pendant Mount





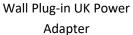
TR-SE24-IN

Pendant Mount



Wall Plug-in US Power

PWR-DC1201A-EU



Adapter

Wall Plug-in EU Power Adapter







PWR-DC1201A-US



Mount	
TR-JB03-G-IN	TR-JB07/WM03-G-IN(TR-WM03-D-IN)
TR-JB07/WM03-G-IN(TR-WM03-D-IN)+TR-UP06-IN	TR-JB07/WM03-G-IN(TR-WM03-D-IN)+TR-UC08-C
TR-CM24-IN+TR-JB03-G-IN	

Zhejiang Uniview Technologies Co., Ltd.

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

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

https://www.uniview.com

©2023 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

*Product specifications and availability are subject to change without notice.