

# 4MP LightHunter HD IR Fixed Turret Analog Camera

### UAC-T124-AF28(40)LM





### Introduction

UAC-T124-AF28(40)LM is a 4MP LightHunter HD IR fixed turret 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, 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 4MP resolution
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- LightHunter monitoring with high-sensitivity sensor
- 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
- 3-Axis

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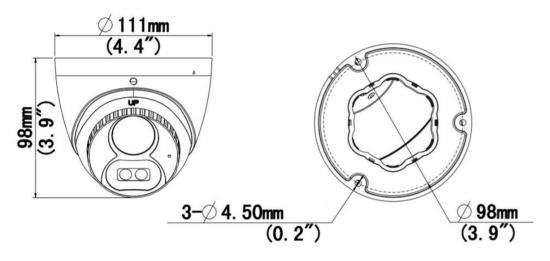
## **Specifications**

Sensor           Pixel         4MP           Size         1/3*           Minimum illumination         0.005 kux (F1.6, AGC ON)           0.00x (IR ON)         0.00x (IR ON)           Lens         2.8mm         4.0mm           Lens mount         M12           Angle of view         H: 97.7° v. 's.54.9° D: 111.9°         H: 81.1° v. '41.0° D: 94.4°           Illuminator         Two IR illuminators           Illumination distance         40m         Lefteime         260.000 hours           Video           Video           Video           Vil/AHD/CVt: 4MP@25fps (default), 4MP@30fps,1080P@25fps, 1080P@30fps           CVBS: PAI, NTSC           Shuter time         PAI: 1/25s-1/50000s           NTSC: 1/30s-1/50000s           NTSC: 1/30s-1/50000s           Shuter time         PAI: 1/25s-1/50000s           NTSC: 1/30s-1/50000s	Model	UAC-T124-AF28LM	UAC-T124-AF40LM	
Size   1/3"   0.005 kux  F1.6, AGC ON   0.005 kux  F1.6 kux	Sensor			
Minimum illumination   Doug (IR ON)   D lux	Pixel	4MP		
Lens	Size	1/3"		
Lens         2.8mm         4.0mm           Lens mount         M12           Angle of view         H. 97.7° V. 54.9° D: 111.9°         H. 81.1° V. 41.0° D: 94.4°           Illuminator         Two IR illuminators           Illumination distance         40m           Lifetime         26.0000 hours           Video           Video           Video           Vijentime           Fame rate         AMP: 2560(H) × 1440(V) 1080(V) 1080(V	Minimum illumination	0.005 lux (F1.6, AGC ON)		
Lens mount M12 Angle of view H: 97.7° V: 54.9° D: 111.9° H: 81.1° V: 41.0° D: 94.4°	Lens			
Angle of view	Lens	2.8mm	4.0mm	
	Lens mount	M12		
Illuminator   Two IR illuminators   Illuminators   Illumination distance   40m   260,000 hours   260,000 hou	Angle of view	H: 97.7° V: 54.9° D: 111.9°	H: 81.1° V: 41.0° D: 94.4°	
Illumination distance   40m   ≥60,000 hours	Illuminator			
Lifetime         ≥60,000 hours           Video           Resolution         4MP: 2560(H) × 1440(V) (1080P: 1920(H) × 1080(V))           Frame rate         TVI/AHD/CVI: 4MP@25fps (default), 4MP@30fps,1080P@25fps, 1080P@30fps (CVBS: PAL, NTSC           Shutter time         PAL: 1/25s-1/50000s (VES: PAL, NTSC           Shutter time         Four modes: Global (default), BLC, HLC, DWDR           Exposure mode         Four modes: Global (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           Audio         Audio           Microphone         Built-in Mic           Camera audio         TVI: 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps           CVI: 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps         CVI: 4MP@25fps, 4MP@30fps           Interface         Video 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         1P67	Illuminator	Two IR illuminators		
Video           Resolution         4MP: 2560(H) × 1440(V) 1080P: 1920(H) × 1080P(V)           Frame rate         TVI/AHD/CVI: 4MP@25fps (default), 4MP@30fps,1080P@25fps, 1080P@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           White balance         Two modes: Auto (default), Manual         WDR         DWDR           Smart IR         Support         Support         Filip         Supports 180° horizontal flip, 180° vertical flip           Audio         Audio         Tv: 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps         CVI: 4MP@25fps, 4MP@30fps           Interface         Video output         BNC, supports TVI/AHD/CVI/CVBS         Departing environment           Femperature         -30°C to 60°C (-22°F to 140°F)         Humidity         s95% (RH, non-condensing)           Surge protection         4kV           Ingress protection         1P67           General	Illumination distance	40m		
Resolution	Lifetime	≥60,000 hours	≥60,000 hours	
Resolution 1080P: 1920(H)×1080(V)  Frame rate TV/AHD/CVI: 4MP@25fps (default), 4MP@30fps,1080P@25fps, 1080P@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  White balance Two modes: Auto (default), Manual  WDR DWDR  Smart IR Support  Flip Supports 180° horizontal flip, 180° vertical flip  Audio  Microphone Built-in Mic  Camera audio TVI: 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps CVI: 4MP@25fps, 4MP@30fps Interface  Power S.5mm power interface  Video output BNC, supports TVI/AHD/CVI/CVBS  Operating environment  Femperature -30°C to 60°C (-22°F to 140°F) Humidity £95% (RH, non-condensing)  Surge protection IR67  General	Video			
Frame rate 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  WDR White balance Two modes: Auto (default), Manual  WDR DWDR Smart IR Support  Flip Supports 180° horizontal flip, 180° vertical flip  Audio  Microphone Built-in Mic  Camera audio TVI: 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps CVI: 4MP@25fps, 4MP@30fps  Interface  Power S.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 IP67  General	Resolution			
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  Audio  Microphone Built-in Mic  Camera audio TVI: 4MP@25fps, 4MP@30fps,1080P@25fps, 1080P@30fps  CVI: 4MP@25fps, 4MP@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	Frame rate	·		
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  Microphone Built-in Mic  Camera audio TV: 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps  CV: 4MP@25fps, 4MP@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	Shutter time			
Day/NightThree modes: Auto (default), Day, NightDigital noise reduction2DWhite balanceTwo modes: Auto (default), ManualWDRDWDRSmart IRSupportFlipSupports 180° horizontal flip, 180° vertical flipAudioMicrophoneBuilt-in MicCamera audioTVI: 4MP@25fps, 4MP@30fps,1080P@25fps, 1080P@30fps CVI: 4MP@25fps, 4MP@30fpsInterfacePower5.5mm power interfaceVideo outputBNC, supports TVI/AHD/CVI/CVBSOperating environmentTemperature-30°C to 60°C (-22°F to 140°F)Humidity≤95% (RH, non-condensing)Surge protection4kVIngress protectionIP67General	Image			
Digital noise reduction 2D  White balance Two modes: Auto (default), Manual  WDR DWDR  Smart IR Support  Flip Supports 180° horizontal flip, 180° vertical flip  Audio  Microphone Built-in Mic  Camera audio TVI: 4MP@25fps, 4MP@30fps,1080P@25fps, 1080P@30fps  CVI: 4MP@25fps, 4MP@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	Exposure mode	Four modes: Global (default), BLC, HLC, DWDR		
White balance     Two modes: Auto (default), Manual       WDR     DWDR       Smart IR     Support       Flip     Supports 180° horizontal flip, 180° vertical flip       Audio       Microphone     Built-in Mic       Camera audio     TVI: 4MP@25fps, 4MP@30fps,1080P@25fps, 1080P@30fps       CVI: 4MP@25fps, 4MP@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)	Day/Night	Three modes: Auto (default), Day, Night		
WDR Support  Flip Supports 180° horizontal flip, 180° vertical flip  Audio  Microphone Built-in Mic  Camera audio TVI: 4MP@25fps, 4MP@30fps,1080P@25fps, 1080P@30fps CVI: 4MP@25fps, 4MP@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			
Smart IR Support  Flip Supports 180° horizontal flip, 180° vertical flip  Audio  Microphone Built-in Mic  Camera audio TVI: 4MP@25fps, 4MP@30fps,1080P@25fps, 1080P@30fps CVI: 4MP@25fps, 4MP@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	White balance	Two modes: Auto (default), Manual		
Flip Supports 180° horizontal flip, 180° vertical flip  Audio  Microphone Built-in Mic  Camera audio TVI: 4MP@25fps, 4MP@30fps,1080P@25fps, 1080P@30fps CVI: 4MP@25fps, 4MP@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		
AudioMicrophoneBuilt-in MicCamera audioTVI: 4MP@25fps, 4MP@30fps,1080P@25fps, 1080P@30fps CVI: 4MP@25fps, 4MP@30fpsInterfacePower5.5mm power interfaceVideo outputBNC, supports TVI/AHD/CVI/CVBSOperating environmentTemperature-30°C to 60°C (-22°F to 140°F)Humidity≤95% (RH, non-condensing)Surge protection4kVIngress protectionIP67General	Smart IR	Support		
MicrophoneBuilt-in MicCamera audioTVI: 4MP@25fps, 4MP@30fps,1080P@25fps, 1080P@30fpsInterfacePower5.5mm power interfaceVideo outputBNC, supports TVI/AHD/CVI/CVBSOperating environmentTemperature-30°C to 60°C (-22°F to 140°F)Humidity≤95% (RH, non-condensing)Surge protection4kVIngress protectionIP67General	Flip	Supports 180° horizontal flip, 180° vertical flip		
TVI: 4MP@25fps, 4MP@30fps,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: 4MP@25fps, 4MP@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	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	Video output	BNC, supports TVI/AHD/CVI/CVBS		
Humidity ≤95% (RH, non-condensing)  Surge protection 4kV  Ingress protection IP67  General	Operating environment			
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)		
Ingress protection IP67 General	-	4kV		
General		IP67		
Power DC 12V (±25%), with reverse polarity protection, Max 3.5W	<u> </u>			
	Power	DC 12V (±25%), with reverse polarity protection, M	ax 3.5W	



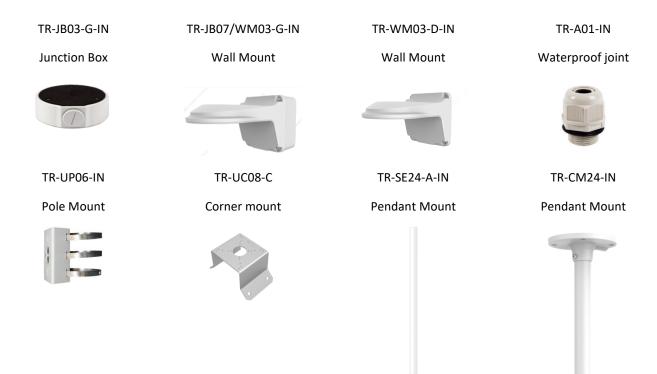
Mount	Surface mount (default), optional backbox, wall mount bracket	
Dimensions	Ф111mm*98mm (diameter*height)	
Material	Metal+Plastic	
Weight	334g (0.74lb)	
Certification	CE, FCC, UL	

### **Dimensions**



UAC-T124-AF28(40)LM

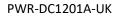
### Accessories



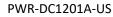


TR-SE24-IN

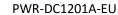
**Pendant Mount** 



Wall Plug-in UK Power Adapter



Wall Plug-in US Power Adapter



Wall Plug-in EU Power Adapter





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	

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