

2MP ColorHunter HD Fixed Mini Bullet Analog Camera

UAC-B122-AF28(40)M-W





Introduction

UAC-B122-AF28(40)M-W is a 2MP ColorHunter HD fixed mini bullet 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

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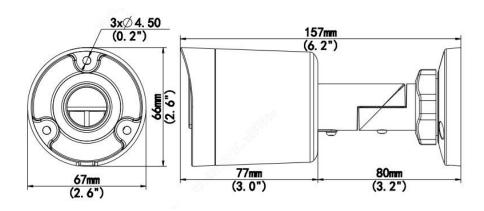
Specifications

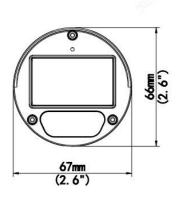
| Sensor Pixel 2MP Size 1/2.9° Minimum illumination 0.005 fux (F1.6, AGC ON) 0 fux (white light on) Lens 2.8mm 4.0mm Lens 2.8mm 4.0mm Lens mount M12 H: 83.8° V: 42.7° D: 100.1° Angle of view H: 101.5° V: 56.9° D: 117.4° H: 83.8° V: 42.7° D: 100.1° Illuminator Two white-light illuminators Illuminator Two white-light illuminators Illuminator 40m Lifetime 260.000 hours Video 20mo hours Video Video hours Resolution 1080P: 1920(H) × 1080(V) 720P: 1280(H) × 7200(V) 720P-25fps, 720P@25fps, 720P@30fps CVBs: PAL, NTSC 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 notes reduction 20/3D White balance Two modes: Auto (default), Manual WCR DWD | Model | UAC-B122-AF28M-W | UAC-B122-AF40M-W | |
|--|-------------------------|--|-----------------------------|--|
| Size 1/2.9" 0.005 kux (F1.6, AGC ON) 0 kux (white light illuminators | Sensor | | | |
| Minimum illumination D.005 lux (F1.6, AGC ON) O lux (white light on) | 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 Video 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 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 DDDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio Vici 1080P@25fps, 1080P@30fps Cvi: 1080P@25fps, 1080P@30fps Cvi | Minimum illumination | 0.005 lux (F1.6, AGC ON) | | |
| 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 Two white-light illuminators Illuminator distance 40m Lifetime ≥ 60,000 hours Video Resolution 720P: 1280(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: 1/255-1/50000s 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 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 General | Lens | | | |
| Angle of view | Lens | 2.8mm | 4.0mm | |
| | 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 40m | 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 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 WDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio 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 DIGITAL STANDARD ST | 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 Image Exposure mode 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 Microphone Built-in Mic Camera audio TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@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 | Illumination distance | 40m | | |
| 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 Image Exposure mode Four modes: Global (default), BLC, HLC, DWDR Day/Night 24/7 color images Digital noise reduction White balance Two modes: Auto (default), Manual WDR DWDR Flip Supports 180° horizontal flip, 180° vertical flip Defog Digital Defog Audio Audio Microphone Built-in Mic Camera audio TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps Interface Power Power 5.5mm power 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 IP67 | Lifetime | ≥60,000 hours | | |
| Resolution 720P: 1280(H) ×720(V) Frame rate TV/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 CVI: 1080P@25fps, 1080P@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 \$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 24/7 color images Digital noise reduction 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 595% (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 CVI: 1080P@25fps, 1080P@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 \$95% (RH, non-condensing) Surge protection IP67 General | Frame rate | | | |
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| 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 Wit: 1080P@25fps Camera audio Uniterface 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 | Image | | | |
| 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 4kV Ingress protection IP67 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 TVI: 1080P@25fps, 1080P@30fps CVI: 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) | 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 IP67 General | Digital noise reduction | 2D/3D | | |
| 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 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 | Power | 5.5mm power interface | | |
| 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) | ≤95% (RH, non-condensing) | |
| Ingress protection IP67 General | - | 4kV | 4kV | |
| General | | IP67 | | |
| Power DC 12V (±25%), with reverse polarity protection. Max 3.12W | | | | |
| | Power | DC 12V (±25%), with reverse polarity protection. Max 3.12W | | |



| Mount | 3D bracket supplied, surface mount (default), optional junction box | |
|---------------|---|--|
| Dimensions | 157mm*67mm*66mm (L*W*H) | |
| Material | Metal | |
| Weight | 279g (0.62lb) | |
| Certification | CB, CE, FCC, UL | |

Dimensions





UAC-B122-AF28(40)M-W

Accessories

TR-JB05-B-IN
Junction Box



TR-UC08-C
Corner Mount



TR-JB06-IN
Junction Box



PWR-DC1201A-UK Wall Plug-in UK Power Adapter



TR-UP06-IN
Pole Mount



PWR-DC1201A-US Wall Plug-in US Power Adapter



TR-A01-IN

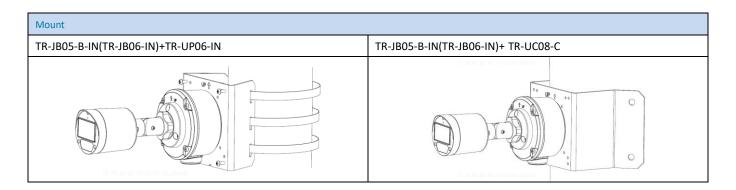




PWR-DC1201A-EU
Wall Plug-in EU Power
Adapter







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