

# 5MP ColorHunter With Smart Dual Light Bullet Analog Camera

### UAC-B115-AF28(40)-DL



#### Overview

UAC-B115-AF28(40)-DL is a 5MP ColorHunter with smart dual light bullet analog camera with a high-performance 1/2.7-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. 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 5MP resolution
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- Smart Dual Light (only TVI)
- Supports 180 horizontal flip, 180 vertical flip
- OSD configuration menu, easy to operate

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- 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**

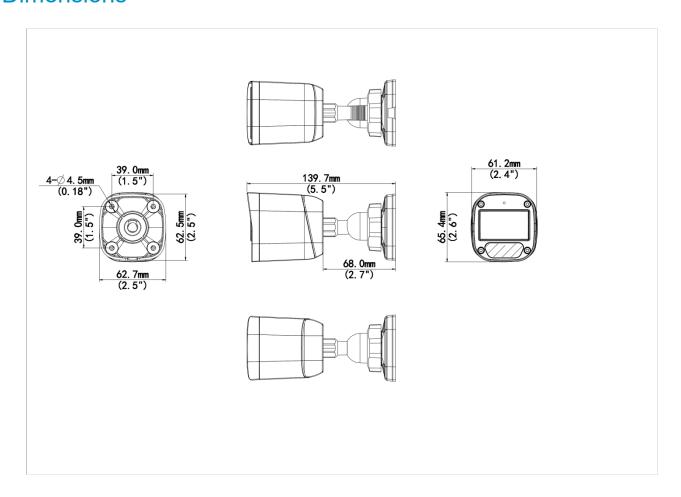
Model	UAC-B115-AF28-DL	UAC-B115-AF40-DL
Sensor		
Pixel	5 MP	
Sensor Size	1/2.7" CMOS	
Min. Illumination	0.005 lux (F2.0, AGC ON) 0 lux (Illuminator ON)	
Lens		
Focus	2.8 mm	4.0 mm
Lens Mount M12		
Angle of View (H)	110.0°	90.0°
Angle of View (V)	57.0°	48.0°
Angle of View (D)	130.0°	109.1°
Illuminator		
Illuminator Number	Two IR illuminators; One white-light illuminator	
Illumination Distance	IR: 20m (65.6 ft) White light: 20m (65.6 ft)	
Lifetime	≥ 60000 hours	
Video		
Resolution	5MP@25fps: 2880(H)×1620(V); 5MP@20fps: 2592(H)×1944(V); 5MP@12.5fps: 2592(H)×1944(V) 4MP: 2560(H)×1440(V) 1080P: 1920(H)×1080(V)	
Frame Rate	TVI: 5MP@20fps (default), 5MP@12.5fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps AHD: 5MP@20fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps CVI: 5MP@25fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps CVBS: PAL, NTSC	
Shutter Time	PAL: 1/25 s-1/50000 s, NTSC: 1/30 s-1/50000 s	
Image		
Exposure Mode	Four modes: Global (default), BLC, HLC, DWDR	



Digital Notice   Reduction   Digital Notice   Reduction   Digital Notice   Reduction   Digital Notice   Di	D/Ni-l-t	Three westers Auto (defends) Dec Nicks	
Reduction         2D           White Balance         Two modes: Auto (default), Manual           WDR         DWDR           Light Mode         Dual light (default), Infured, White light           Flip         Supports 180*horizontal flip, 180*vertical flip           Audio           TVI: 5MP@20fps, 5MP@12.5fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps           CVI: 5MP@20fps, 5MP@12.5fps, 4MP@20fps, 4MP@30fps           Interface           Video Output         BNC, supports TVI/AHD/CVI/CVBS           Operating Environment           Temperature         -30 % to 60 % C+22 % to 140 % )           Humidity         \$ 95% RH (non-condensing)           Surge Protection         4 KV for power, 4 KV for video output interfaces           General           Power         DC 12 V ± 25%           Power Consumption         3.0W           Mount         Corner Mount, Pole Mount           Dimensions         140mm*6/mm*6/5mm (L*W*H)           Material         Plastic           Weight         150g (0.33lb)           OSD Menu         11 Languages English, German, Spanish (Latin America), French, Italian, Japanese, Korean, Polish, Portuguese Language           CE	Day/Night	Three modes: Auto (default), Day, Night	
White Balance         Two modes: Auto (default), Manual           WDR         DWDR           Light Mode         Dual light (default), Infared, White light           Flip         Supports 180*horizontal flip, 180*vertical flip           Audin         ***********************************		2D	
WDR         DWDR           Light Mode         Dual light (default), Infared, White light           Flip         Supports 180°horizontal flip, 180°vertical flip           Audio         Bulle-in Mic           Bulle-in Mic         Support           Camera Audio         TVI: 5MP@20fps, 5MP@12.5fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps           Interface           Voice 5.5 mm Power Interface           Video Output         BNC, supports TVEAHD/CVE/CVBS           Operating Environment           Temperature           -30 °C to 60 °C (-22 °F to 140 °F)           Humidity         \$ 95% RH (non-condensing)           Surge Protection         4 VK for power, 4 KV for video output interfaces           General           Power           DC 12 V ± 25%           Power Consumption         3.0W           Mount         Corner Mount, Pole Mount           Dimensions         140mm*61mm*65mm (L*W*H)           Material         Plastic           Weight         150g (0.33lb)           OSD Menu         11 Languages English, German, Spanish (Latin America), French, Italian, Japanese, Korean, Polish, Portuguese (arzil), Russian, Turkish           Certification           EMC			
Light Mode Dual light (default), Infared, White light  Flip Supports 180*horizontal flip, 180*vertical flip  Audio  Built-in Mic Support  Camera Audio 2**Us 5MP@25fps, 5MP@12.5fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps  CVI: 5MP@25fps, 4MP@25fps, 4MP@30fps  Interface  Power Interface 5.5 mm Power Interface  Video Output BNC, supports TVI/AHID/CVI/CVBS  Operating Environment*  Temperature 30 °C to 60 °C (-22 °F to 140 °F)  Humidity 2 59% RH (non-condensing)  Surge Protection 4 KV for power, 4 KV for video output interfaces  General  Power DC 12 V ± 25%  Power DC 12 V ± 25%  Power Consumption 3.0W  Mount Corner Mount, Pole Mount  Dimensions 140mm*61mm*65mm (L*W*H)  Material Plastic  Weight 150g (0.33lb)  OSD Menu 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 CF-Rollis (2011/65/EU; (FU) 2015/863; WEEE (2012/19/EU)	White Balance	Two modes: Auto (default), Manual	
Filip         Supports 180°horizontal flip, 180°vertical flip           Audio           Camera Audio         TVI: 5MP@20fps, 5MP@12.5fps, 4MP@25fps, 4MP@30fps           Interface           Power Interface           Video Output         5.5 mm Power Interface           Operating Environmett           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           General           Power         DC 12 V ± 25%           Power Consumption         3.0W           Mount         Corner Mount, Pole Mount           Dimensions         140mm*61mm*65mm (L*W*H)           Material         Plastic           Weight         150g (0.33lb)           OSD Menu         11 Languages English, German, Spanish (Latin America), French, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Turkish           Certification           Certification           CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035), FCC (FCC 47 CFR part15 B)           Safety         CE-END (EN 62368-1)	WDR	DWDR	
Audio         Support           Camera Audio         TVI: SMP@20fps, SMP@12.5fps, 4MP@25fps, 4MP@30fps           Interface           Power Interface           Video Output         BNC, supports TVI/AHD/CVI/CVIS           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           General           Power         DC 12 V ± 25%           Power Consumption         3.0W           Mount         Corner Mount, Pole Mount           Dimensions         140mm*61mm*65mm (L*W*H)           Material         Plastic           Weight         150g (0.33lb)           OSD Menu         11 Languages English, German, Spanish (Latin America), French, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Turkish           Certification           CE-EMC (EN \$5032, EN 61000-3-3, EN IEC 61000-3-2, EN \$5035), FCC (FCC 47 CFR part15 B)           Safety         CE-ENG (EN \$6268-1)           Environment         CE-RollS (2011/65/EU; (EU) 2015/863); WEEE (2012/19/EU)	Light Mode	Dual light (default) , Infared, White light	
Built-in Mic         Support           Camera Audio         TVI: 5MP@20fps, 5MP@12.5fps, 4MP@30fps           Interface           Fower Interface           Power Interface           Video Output           BNC, supports TVI/AHD/CVI/CVHS           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           General           Power           DC 12 V ± 25%           Power Consumption         3.0W           Mount         Corner Mount, Pole Mount           Dimensions         140mm*61mm*65mm (L*W*H)           Material         Plastic           Weight         150g (0.33lb)           OSD Menu         11 Languages English, German, Spanish (Latin America), French, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Turkish           Certification           CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035), FCC (FCC 47 CFR part15 B)           Safety         CE-EMC (EN 55032,	Flip	Supports 180°horizontal flip, 180°vertical flip	
Camera Audio         TVI: SMP@20fps, SMP@12.5fps, 4MP@30fps, 1080P@25fps, 1080P@30fps           Interface           Fower Interface           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 video output interfaces           General           Power         DC 12 V ± 25%           Power Consumption         3.0W           Mount         Corner Mount, Pole Mount           Dimensions         140mm*61mm*65mm (L*W*H)           Material         Plastic           Weight         150g (0.33lb)           OSD Menu Language         11 Languages English, German, Spanish (Latin America), French, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Turkish           Certification           CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035), FCC (FCC 47 CFR part15 B)           Safety         CE-EMC	Audio		
CVI: 5MP@25fps, 4MP@25fps, 4MP@30fps  Interface  Power Interface	Built-in Mic	Support	
Power Interface 5.5 mm Power Interface  Video Output BNC, supports TVI/AHD/CVI/CVBS  Operating Environment  Temperature 3.0 °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  General  Power DC 12 V ± 25% Power Consumption 3.0W  Mount Corner Mount, Pole Mount Dimensions 140mm*61mm*65mm (L*W*H)  Material Plastic  Weight 150g (0.33lb)  OSD Menu 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)	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       4 KV for power, 4 KV for video output interfaces         General       Power         Power Consumption       3.0W         Mount       Corner Mount, Pole Mount         Dimensions       140mm*61mm*65mm (L*W*H)         Material       Plastic         Weight       150g (0.33lb)         OSD Menu Language       11 Languages English, German, Spanish (Latin America), French, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Turkish         Certification       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)	Interface		
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  General  Power DC 12 V ± 25%  Power Consumption 3.0W  Mount Corner Mount, Pole Mount  Dimensions 140mm*61mm*65mm (L*W*H)  Material Plastic  Weight 150g (0.33lb)  OSD Menu 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)	Power Interface	5.5 mm Power Interface	
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  General  Power DC 12 V ± 25%  Power Consumption 3.0W  Mount Corner Mount, Pole Mount  Dimensions 140mm*65mm (L*W*H)  Material Plastic  Weight 150g (0.331b)  OSD Menu 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)	Video Output	BNC, supports TVI/AHD/CVI/CVBS	
Humidity       ≤ 95% RH (non-condensing)         Surge Protection       4 KV for power, 4 KV for video output interfaces         General         Power       DC 12 V ± 25%         Power Consumption       3.0W         Mount       Corner Mount, Pole Mount         Dimensions       140mm*61mm*65mm (L*W*H)         Material       Plastic         Weight       150g (0.33lb)         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)	Operating Environment		
Surge Protection 4 KV for power, 4 KV for video output interfaces  Fower DC 12 V ± 25%  Power Consumption 3.0W  Mount Corner Mount, Pole Mount  Dimensions 140mm*61mm*65mm (L*W*H)  Material Plastic  Weight 150g (0.331b)  OSD Menu 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)	Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	
Power DC 12 V ± 25%  Power Consumption 3.0W  Mount Corner Mount, Pole Mount  Dimensions 140mm*61mm*65mm (L*W*H)  Material Plastic  Weight 150g (0.33lb)  OSD Menu 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)	Humidity	≤ 95% RH (non-condensing)	
Power Consumption 3.0W  Mount Corner Mount, Pole Mount  Dimensions 140mm*61mm*65mm (L*W*H)  Material Plastic  Weight 150g (0.331b)  OSD Menu 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)	Surge Protection	4 KV for power, 4 KV for video output interfaces	
Power Consumption  3.0W  Mount Corner Mount, Pole Mount  Dimensions 140mm*61mm*65mm (L*W*H)  Material Plastic  Weight 150g (0.331b)  OSD Menu 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)	General		
Mount Corner Mount, Pole Mount  Dimensions 140mm*61mm*65mm (L*W*H)  Material Plastic  Weight 150g (0.33lb)  OSD Menu 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)	Power	DC 12 V ± 25%	
Dimensions 140mm*61mm*65mm (L*W*H)  Material Plastic  Weight 150g (0.33lb)  OSD Menu 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)	Power Consumption	3.0W	
Material Plastic  Weight 150g (0.331b)  OSD Menu 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)	Mount	Corner Mount, Pole Mount	
Weight 150g (0.33lb)  OSD Menu 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)	Dimensions	140mm*61mm*65mm (L*W*H)	
OSD Menu 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)	Material	Plastic	
Language       (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)	Weight	150g (0.33lb)	
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)			
Safety CE-LVD (EN 62368-1) Environment CE-RoHS (2011/65/EU; (EU) 2015/863); WEEE (2012/19/EU)	Certification		
Environment CE-RoHS (2011/65/EU; (EU) 2015/863); WEEE (2012/19/EU)	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)	
Protection IP67 (IEC 60529)	Environment	CE-RoHS (2011/65/EU; (EU) 2015/863); WEEE (2012/19/EU)	
	Protection	IP67 (IEC 60529)	



#### **Dimensions**



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