

## 5MP ColorHunter With Smart Dual Light Bullet Analog Camera UAC-B145-AF28(40)LM-DL



## Overview

UAC-B45-AF28(40)LM-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

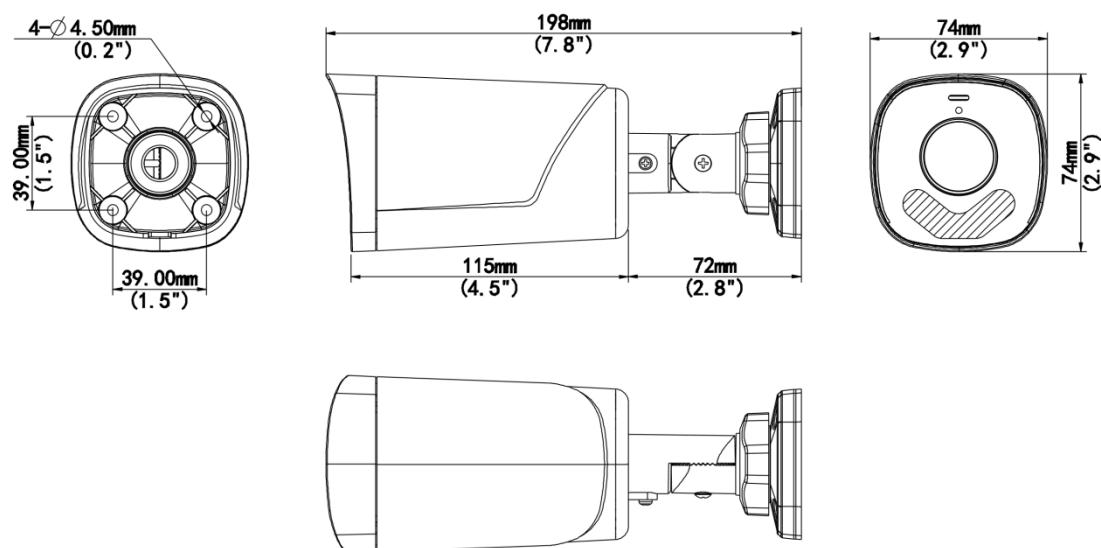
- High quality imaging with 5MP resolution
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- Smart Dual Light (only TVI)
- Supports 180° horizontal flip, 180° vertical flip
- OSD configuration menu, easy to operate
- IP67 waterproof and dustproof design, high reliability
- OSD configuration menu in 11 languages
- Built-in microphone for high quality audio transmission via coaxial cables

## Specifications

| Model                   | UAC-B145-AF28LM-DL                                                                                                                                                                                                                           |        | UAC-B145-AF40LM-DL |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------|
| Camera                  |                                                                                                                                                                                                                                              |        |                    |
| Max Resolution          | 5 MP                                                                                                                                                                                                                                         |        |                    |
| Sensor Size             | 1/2.7" CMOS                                                                                                                                                                                                                                  |        |                    |
| Min. Illumination       | 0.005 lux (F1.6, AGC ON)<br>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; Two white-light illuminators                                                                                                                                                                                            |        |                    |
| Illumination Distance   | IR: 40m (131.23 ft)<br>White light: 40m (131.23ft)                                                                                                                                                                                           |        |                    |
| Lifetime                | ≥ 60000 hours                                                                                                                                                                                                                                |        |                    |
| Video                   |                                                                                                                                                                                                                                              |        |                    |
| Resolution              | 5MP@25fps: 2880(H)×1620(V); 5MP@20fps: 2592(H)×1944(V); 5MP@12.5fps: 2592(H)×1944(V)<br>4MP: 2560(H)×1440(V)<br>1080P: 1920(H)×1080(V)                                                                                                       |        |                    |
| Frame Rate              | TVI: 5MP@20fps (default), 5MP@12.5fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps<br>AHD: 5MP@20fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps<br>CVI: 5MP@25fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps<br>CVBS: PAL, NTSC |        |                    |
| Shutter Time            | PAL: 1/25s-1/50000s,<br>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                                                                                                                                                                                                                                         |        |                    |
| Light Mode              | Dual light (default) , Infrared, White light                                                                                                                                                                                                 |        |                    |
| Flip                    | Supports 180°horizontal flip, 180°vertical flip                                                                                                                                                                                              |        |                    |
| Audio                   |                                                                                                                                                                                                                                              |        |                    |
| Built-in Mic            | Support                                                                                                                                                                                                                                      |        |                    |
| Camera Audio            | TVI: 5MP@20fps, 5MP@12.5fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps<br>CVI: 5MP@25fps, 4MP@25fps, 4MP@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  | 4kV for power&4kV for video output interfaces                                                                                            |              |
| General           |                                                                                                                                          |              |
| Power             | DC 12 V ± 25%                                                                                                                            |              |
| Power Consumption | MAX 3.5W                                                                                                                                 |              |
| Mount             | Corner Mount&Pole Mount                                                                                                                  |              |
| Dimensions        | 198mm*74mm*74mm (L*W*H)                                                                                                                  |              |
| Material          | Metal + Plastic                                                                                                                          |              |
| Weight            | 227g (0.50lb)                                                                                                                            | 227g(0.50lb) |
| 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)                                                                                   |              |
| Protection        | IP67 (IEC 60529)                                                                                                                         |              |

## Dimensions



## Accessories

**TR-JB05-A-IN**

Small Bullet Junction Box(Support wiring from behind,Square)

**TR-UP06-B-IN**

Bullet Pole Mounting Bracket

**TR-A01-IN**

NPT 3/4" Waterproof Cable Gland

**TR-UP06-C-IN-V2**

Pole Mounting Bracket for Bullet Junction Box Only

**TR-UC08-C-V2**

Bullet&Dome Corner Mounting Bracket

**PWR-DC1201A-UK**

DC12V/1A Wall Plug British Standard Power Adapter

**PWR-DC1201B-UK**

UNV DC12V/1A Wall Plug British Standard Power Adapter(Colorful Bag)

**PWR-DC1201A-US**

DC12V/1A Wall Plug American Standard Power Adapter

**PWR-DC1201B-US**

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

**PWR-DC1201A-EU**

DC12V/1A Wall Plug European Standard Power Adapter

**PWR-DC1201B-EU**

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

**PWR-DC1201A-IND**

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

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