DATASHEET

2MP ColorHunter With Smart Dual Light Turret Analog Camera

UAC-T142-AF28(40)LM-DL



Overview

UAC-T142-AF28(40)LM-DL is a 2MP ColorHunter with smart dual light turret analog camera with a high-performance 1/3-inch CMOS sensor and 3D noise reduction technology. 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 2MP resolution
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- Smart Dual Light (only TVI)
- 3D noise reduction technology delivers clean and sharp 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

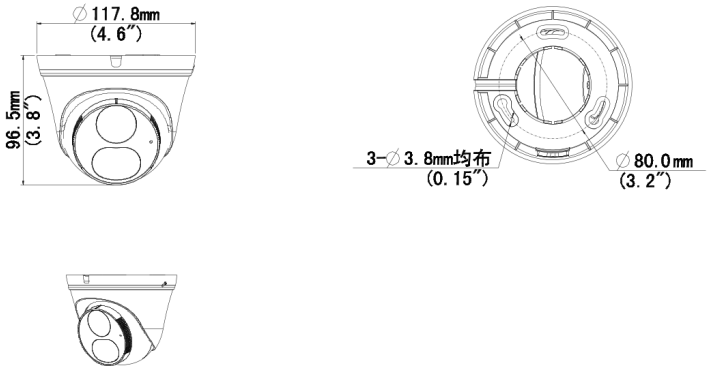
Specifications

Sensor	Description
Pixel	2MP
Sensor Size	1/3.0" CMOS
Min. Illumination	0.003 lux (F1.6, AGC ON) 0 lux (Illuminator ON)
Lens	**Description**
Focus	UAC-T142-AF28LM-DL:2.8mm UAC-T142-AF40LM-DL:4.0mm
Lens Mount	M12
Angle of View (H)	UAC-T142-AF28LM-DL:100.9° UAC-T142-AF40LM-DL:82.5°
Angle of View (V)	UAC-T142-AF28LM-DL:56.5° UAC-T142-AF40LM-DL:42.1°
Angle of View (D)	UAC-T142-AF28LM-DL:121.8° UAC-T142-AF40LM-DL:98.6°
Illuminator	**Description**
Illuminator Number	Two IR illuminators; Two white-light illuminators
Illumination Distance	IR: 40m (131.23 ft) White light: 40m (131.23ft)
Lifetime	⩾60000 hours
Video	**Description**
Resolution	1080P: 1920(H)×1080(V) 720P: 1280(H) ×720(V)
Frame Rate	TVI: 1080P@25fps (default), 1080P@30fps; 720P@25fps, 720P@30fps AHD: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVI: 1080P@25fps, 1080P@30fps; 720P@25fps, 720P@30fps CVBS: PAL, NTSC
Shutter Time	PAL: 1/25s-1/50000s， NTSC: 1/30s-1/50000s
Image	**Description**

Exposure Mode	Four modes: Global(default), BLC, HLC, DWDR
Day/Night	Three modes: Auto (default), Day, Night
Digital Noise Reduction	2D/3D
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
Digital Defog	N/A
Audio	Description
Built-in Mic	Support
Camera Audio	TVI: 1080P@25fps, 1080P@30fps CVI: 1080P@25fps, 1080P@30fps
Interface	Description
Power Interface	5.5mm Power Interface
Video Output	BNC, supports TVI/AHD/CVI/CVBS
Operating Environment	Description
Temperature	-30 ℃ ~ 60 ℃ (-22 °F ~ 140 °F)
Humidity	≤95% RH (non-condensing)
Surge Protection	4kV for power&4kV for video output interfaces
General	Description
Power	DC12V±25%
Power Consumption	MAX 3.6W
Mount	Corner Mount&Pole Mount&Wall Mount&Pendant Mount
Dimensions	Φ117.8mm*96.5mm (diameter*height)
Material	Metal + Plastic
Weight	239g(0.53lb)
OSD Menu Language	11 Languages English, German, Spanish (Latin America), French, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Turkish
Certification	Description
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



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