

# 5MP ColorHunter HD Fixed Turret Analog Camera

IV-DEF28CH5MP-FH



## Introduction

IV-DEF28CH5MP-FH is a 5MP ColorHunter HD fixed turret 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 supports audio input, synchronous transmission of audio and video, and 24/7 full-color imaging.

## Features

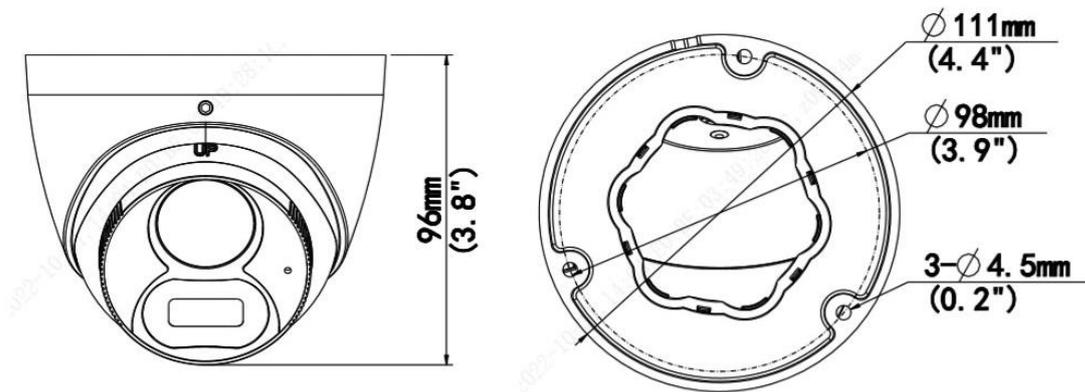
- 5MP high quality imaging
- TVI/AHD/CVI/CVBS
- Supports white light illumination, 24/7 full-color imaging
- Supports 180° horizontal flip, 180° vertical flip
- OSD configuration menu, easy to operate
- IP67 waterproof and dustproof design, high reliability
- OSD configuration menu in 11 languages
- Built-in microphone for high quality audio transmission via coaxial cables
- Metal front face and housing

## Specifications

Model	IV-DEF28CH5MP-FH
<b>Sensor</b>	
Pixel	5MP
Size	1/2.7"
Minimum illumination	0.02lux (F1.4, AGC ON) 0.00 lux (white light on)
<b>Lens</b>	
Lens	2.8mm
Lens mount	M12
Angle of view	H: 100.9 V: 56.5° D: 121.8°
<b>Illuminator</b>	
Illuminator	Two white-light illuminators
Illumination distance	40m
Lifetime	≥60,000 hours
<b>Video</b>	
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@30fps, 4MP@25fps, 1080P@30fps, 1080P@25fps AHD: 5MP@20fps, 4MP@30fps, 4MP@25fps, 1080P@30fps, 1080P@25fps CVI: 5MP@25fps, 4MP@30fps, 4MP@25fps, 1080P@30fps, 1080P@25fps CVBS: PAL, NTSC
Shutter time	PAL: 1/25s-1/50000s NTSC: 1/30s-1/50000s
<b>Image</b>	
Exposure mode	Four modes: Global (default), BLC, HLC, DWDR
Day/Night	24/7 full-color imaging
Digital noise reduction	2D
White balance	Two modes: Auto (default), Manual
WDR	DWDR
Flip	Supports 180° horizontal flip, 180° vertical flip
<b>Audio</b>	
Microphone	Built-in Mic
Pickup distance	7m
<b>Interface</b>	
Power	5.5mm power interface
Video output	BNC, supports TVI/AHD/CVI/CVBS
<b>Operating environment</b>	
Temperature	-30°C to 60°C (-22°F to 140°F)
Humidity	≤95% (RH, non-condensing)
Surge protection	4kV
Ingress protection	IP67
<b>General</b>	

Power	DC12V (±25%), with reverse polarity protection and surge protection. Max 2.4W
Mount	Surface mount (default), optional junction box and wall mount bracket
Dimensions	Φ111mm*96mm (diameter*height)
Material	Metal and plastic
Weight	145g (0.32lb)
Certification	CB, CE, FCC, UL

## Dimensions



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## Ordering Information

Accessory Model	Image	Remarks
IV-JB03-I-IN		Plastic turret camera junction box (supports rear cabling)-D117.75mm*37.5mm, sold separately
IV-WM03-D-IN		Fixed mini dome/fisheye mini dome/plastic turret camera wall mount bracket --126.42mm*125.57mm*183.37mm, sold separately
IV-JB07/WM03-G-IN		Fixed mini dome/fisheye mini dome/plastic turret camera wall mount bracket (supports rear cabling) --126.42mm*126.65mm*230.47mm, sold separately