

# 5MP Starlight +LED Fixed Turret Analog Camera

## CY-HDX1500-DUA-0280



### Introduction

CY-HDX1500-DUA-0280 is a 5MP Starlight 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 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.

### Features

- 5MP high quality image
- 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

## Specifications

Model	CY-HDX1200-DUA-0280
<b>Sensor</b>	
Pixel	5MP
Size	1/2.7"
Minimum illumination	0.01 lux (F1.6, AGC ON) 0 lux (white light on)
<b>Lens</b>	
Lens	2.8mm
Lens mount	M12
Angle of view	H: 110.0° V: 57.0° D: 130.0°
<b>Illuminator</b>	
Illuminator	One white-light illuminator
Illumination distance	20m
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@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: 1/25s-1/50000s NTSC: 1/30s-1/50000s
<b>Image</b>	
Exposure mode	Four modes: Global (default), BLC, HLC, DWDR
Day/Night	24/7 color images
Digital noise reduction	2D
White balance	Two modes: Auto (default), Manual
WDR	DWDR
Flip	Supports 180° horizontal flip, 180° vertical flip
Defog	N/A
<b>Audio</b>	
Microphone	Built-in Mic
Camera audio	TVI: 5MP@20fps, 5MP@12.5fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps CVI: 5MP@25fps, 4MP@25fps, 4MP@30fps
<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

General	
Power	DC 12V(±25%), with reverse polarity protection, Max 2.3W
Mount	Surface mount (default), optional backbox, wall mount bracket, pole mount bracket
Dimensions	Φ118mm*96mm (diameter*height)
Material	Graphene+Plastic
Weight	210g (0.46lb)
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

