

CY-HDX-1500D-0280

# 5MP Fixed IR Turret Analog Camera



## Overview

CY-HDX-1500D-0280 is a 5MP fixed IR 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. It supports IR-cut filter with auto-switch (ICR) and provides color images at daytime and black/white images at night.

## Features

- 5MP high quality image
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- 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
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## Specifications

Sensor	Description
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Pixel	5MP
Sensor Size	1/2.7" CMOS
Min. Illumination	0.02 lux (F2.0, AGC ON) 0 lux (IR ON)
<b>Lens</b>	<b>Description</b>
Focus	2.8 mm
Lens Mount	M12
Angle of View (H)	102.2°
Angle of View (V)	53.9°
Angle of View (D)	124.8°
<b>Illuminator</b>	<b>Description</b>
Illuminator Number	One IR illuminator
Illumination Distance	20m
Lifetime	≥60000 hours
<b>Video</b>	<b>Description</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>	<b>Description</b>
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
Smart IR	Support
Flip	Supports 180°horizontal flip, 180°vertical flip
Digital Defog	N/A
<b>Audio</b>	<b>Description</b>
Built-in Mic	Not supported
Camera Audio	Not supported
<b>Interface</b>	<b>Description</b>
Power Interface	5.5 mm Power Interface
Video Output	BNC, supports TVI/AHD/CVI/CVBS
<b>Operating Environment</b>	<b>Description</b>
Temperature	-30 °C ~ 60 °C (-22 °F ~ 140 °F)
Humidity	≤95% RH (non-condensing)
Surge Protection	4kV for power&4kV for video output interfaces
<b>General</b>	<b>Description</b>
Power	DC12V ±25%
Power Consumption	MAX 3.3W
Mount	Wall Mount, Pole Mount, Corner Mount, Pendant Mount
Dimensions	Φ 118mm*96mm (diameter*height)
Material	Plastic
Weight	183g(0.40lb)
OSD Menu Language	11 Languages English, German, Spanish (Latin America), French, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Turkish
<b>Certification</b>	<b>Description</b>
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

